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**GROUNDWATER ABATEMENT ZONE REPORT
CHRIN BROTHERS SANITARY LANDFILL
WILLIAMS TOWNSHIP, NORTHAMPTON COUNTY,
PENNSYLVANIA**

Prepared For:

**CHRIN BROTHERS, INC.
EASTON, PENNSYLVANIA**

Prepared By:

**CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
EXPORT, PENNSYLVANIA**

CEC Project 072-142

July 15, 2008

Civil & Environmental Consultants, Inc.

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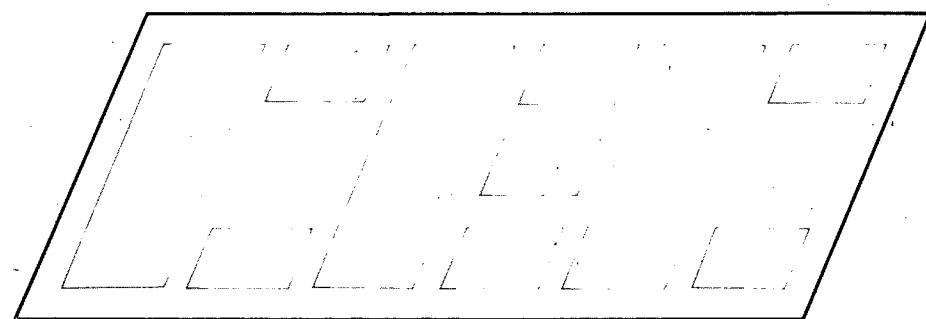
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July 15, 2008

Mr. Roy Schrock (3HS22)
U.S. EPA Region III
1650 Arch Street
Philadelphia, Pennsylvania 19103

Dear Mr. Schrock:

Subject: Groundwater Abatement Zone Report
Chrin Brothers Sanitary Landfill
Williams Township, Northampton County, Pennsylvania
CEC Project 072142

On behalf of Chrin Brothers, Inc. (Chrin), Civil & Environmental Consultants, Inc. (CEC) has performed an evaluation of groundwater level and water quality data collected since July 1998. This evaluation has been conducted to update the September 30, 2003 Groundwater Abatement Zone Report previously submitted to the United States Environmental Protection Agency (U.S. EPA) for the Five Year Review of the effectiveness of the pump and treat system at the Abatement Zone Area.

In order to complete the evaluation presented herein, the following exercises were completed: 1) compilation of groundwater levels measured by ChrIN personnel in monitoring wells; 2) construction of high and low water table condition potentiometric maps showing groundwater contours during periods of identified high and low groundwater elevations; 3) evaluation of the adequacy of the existing groundwater monitoring system in detecting off-site migration of contamination; and 4) evaluation of the groundwater abatement system in containing and recovering contaminated groundwater including an assessment of potential receptors.

DESCRIPTION OF GROUNDWATER ABATEMENT SYSTEM

The groundwater abatement system was designed to recover and treat on-site groundwater downgradient from Fill Areas 1, 2, and 3 and discharge the treated water to an unnamed tributary to the Lehigh River in accordance with ChrIN's NPDES permit. In general, groundwater in three recovery wells (DM-2, MW-9, and DM-11) is continuously extracted and pumped to an air stripper where volatile organic compounds are removed (refer to Figures 1 and 2 for well locations). The resulting effluent passes through continuous backwash filters (primarily for manganese removal) and a Lamella gravity settler/thickener (primarily for iron removal) prior to discharging to surface water.

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Operation of the abatement system commenced on April 14, 1999 with the initiation of pumping from well DM-11. Pumping from DM-11 was maintained at an average rate of 28 gallons per minute from April 1999 through July 2003. Since July 2003, pumping from DM-11 has been maintained at an average rate of 22 gallons per minute (56,812,158 gallons were extracted between August 1, 2003 and June 20, 2008).

Pumping from wells DM-2 and MW-9 commenced on June 8, 1999 and was maintained at an average combined rate of 43 gallons per minute through July 2003. Since July 2003, pumping from wells DM-2 and MW-9 has been maintained at an average rate of 29 gallons per minute (74,033,556 gallons were extracted between August 1, 2003 and June 20, 2008).

GROUNDWATER LEVEL EVALUATION

Based on the groundwater elevations measured and recorded by Chrin personnel and the hydrographs presented in Appendix A, groundwater potentiometric maps (refer to Figures 1 and 2) were generated using the measurements obtained during periods of low and high groundwater table conditions since the September 30, 2003 report. These measurements were selected to confirm the previous conclusion that groundwater flow beneath the site is generally to the north-northwest during both seasonal high and low water table conditions. A review of Figures 1 and 2 indicates that monitoring wells MW-2 and DM-4R effectively serve as upgradient monitoring wells for the Abatement Zone Area while the remaining wells serve as downgradient monitoring wells. Figures 1 and 2 confirm that the existing groundwater monitoring system remains adequate for the facility during both low and high groundwater table conditions.

A summary of water table elevations measured in each monitoring well between July 1998 and April 2008 is presented on Table 1. Hydrographs for each well are included in Appendix A. As reported in the September 30, 2003 report, the hydrographs generally show an overall decrease in groundwater elevation immediately following initiation of the pump and treat system in April 1999. This initial drawdown effect becomes less identifiable after the groundwater table stabilizes to the constant pumping rate and seasonal fluctuations continue to occur. Seasonal fluctuations continue to be generally greater in magnitude than the initial drawdown in most wells. Therefore, water level data are not sufficient for determining the drawdown effect and corresponding capture zone created by the pump and treat system. It should be noted, however, that based on a review of Figures 1 and 2, groundwater contours have maintained comparable relationships throughout low and high water table conditions (indicating that the constant pumping rate maintains the same relative effect).



GROUNDWATER QUALITY AND RECEPTOR EVALUATION

The abatement zone of the landfill is currently under a U.S. EPA-approved monitoring program due to the historical presence of organic constituents in downgradient monitoring wells. Laboratory results from the abatement zone monitoring wells (beginning with the January 1998 sampling event) are summarized on Tables 2A through 2H. Trend charts for each constituent of interest in each abatement zone well, plotted with the corresponding clean-up standards (specified in the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences), are included in Appendix B.

Referring to the trend charts, it is apparent that nearly all of the volatile organic compounds of interest have decreased in concentration in various downgradient abatement zone wells following the startup of the groundwater treatment system. Based on the most recently available analytical data (2008), these constituents are mostly below the corresponding clean-up level where detected, except for trichloroethene at DM-2, DM-11, and MW-9, and tetrachloroethene at MW-1. The trend charts for DM-2 and DM-11 indicate a distinct decreasing concentration of trichloroethene through time while a more subtle decrease is noted at MW-9. Only tetrachloroethene at MW-1 occurs at concentrations exceeding the clean-up standard without a corresponding decreasing trend. It should also be noted that concentrations of both trichloroethene and tetrachloroethene at these wells have generally ranged from nondetect to only slightly above their respective clean-up levels.

As noted on the trend charts and Table 2, a round of samples was collected from the downgradient abatement zone wells during a temporary shutdown of the groundwater pumping wells in late July 2007. In addition, non-abatement zone wells N-8, MW-9A, and N-6 were sampled at this time. These samples are representative of conditions anticipated if the groundwater pump and treat system were to cease operations. As indicated on the trend charts, detections noted for this sampling event were generally lower than corresponding samples from the same wells collected in early July 2007. This is particularly true for the pumping wells. Consequently, it appears as though operation of the groundwater pumping wells is effectively removing contaminants from the aquifer. Finally, there were no exceedances of cleanup levels in the non-abatement zone well samples, while the sample from N-6, which represents offsite groundwater quality downgradient of the abatement zone, contained no detections of organic compounds.

While direct evidence suggest groundwater quality downgradient of the site does not contain detectable levels of organic compounds, a preliminary evaluation of potential human receptors identified in the U.S. EPA Record of Decision (ROD) was performed in order to further evaluate



the protectiveness of the selected remedy. Based on available information, groundwater flow is to the northwest, and ultimately discharges to the Lehigh River (Figure 3). The U.S. EPA ROD identified the communities of Glendon Boro and Lucy's Crossing as being hydrologically connected to the site. Therefore, an integral aspect of the selected remedy was designed to reduce or eliminate potential downgradient human receptors in these communities. This was accomplished by providing a public water supply to the communities of Glendon Boro and Lucy's Crossing in 1988. CEC contacted the Easton Suburban Water Authority and confirmed that the public water supply systems to these communities have been maintained and there are no known potable groundwater supplies immediately downgradient of the site. Based on the available information, groundwater is not used as a potable supply downgradient from the site.

GROUNDWATER TREATMENT SYSTEM OPERATION AND MAINTENANCE

Routine maintenance has been conducted on the groundwater abatement treatment system since the April 14, 1999 start date. Daily maintenance records are maintained on file and are available upon request. Appendix C presents the total volume of groundwater pumped and treated on a daily basis by the pump and treat system.

Finally, laboratory results for the groundwater treatment system effluent are provided in Appendix D.

CONCLUSIONS

Based on the evaluation of available water level and water quality data prior to and after the startup of the groundwater abatement system, it appears that the system is working effectively to remove contaminants from groundwater downgradient of Fill Areas 1, 2, and 3. Immediately following initiation of the pump and treat system in April 1999, groundwater elevations decreased in the targeted capture zone. Since that time, the magnitude of seasonal fluctuations in groundwater levels versus the drawdown created by the abatement system has rendered water level data insufficient to determine the extent of the capture zone created by the groundwater pumping system. However, groundwater contours indicate that the constant pumping rate maintains the same relative effect on groundwater flow through both high and low water table conditions.

Groundwater quality trend charts illustrate that nearly all of the contaminants have steadily declined in concentration since initiation of the groundwater abatement system. These improvements to groundwater quality are expected to continue with sustained operation of the

Mr. Roy Schrock (3HS22)
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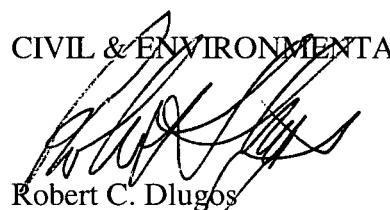


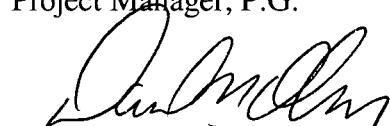
groundwater abatement system in addition to the long-term effects of Fill Areas 1, 2, and 3 capping activities that have been completed over the last three years. Finally, in order to address uncertainties with the extent of the groundwater abatement system capture zone, confirmation was obtained that communities potentially affected by groundwater contamination continue to receive public water supply from the Easton Suburban Water Authority. Therefore, the selected remedy remains protective of downgradient human receptors.

We trust the information presented herein is sufficient to satisfy U.S. EPA's needs to complete the September 2008 Five Year Review. If you have any questions or require any additional information, please call us at (724) 327-5200.

Very truly yours,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

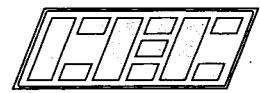

Robert C. Dlugos
Project Manager, P.G.


David N. Olson, P.G.
Senior Project Manager

RCD:DNO/jg
Enclosures

cc: W. Tomayko (DEP)
G. Chrin (Chrin)

L-072142.Jul15/W



TABLES

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
07/15/98	193.69	180.65	181.76	180.58	193.43	180.90	196.28			523.94	182.12	198.99	464.54	480.37		
10/09/98	190.30	176.40	177.29	176.10	190.22	176.69	192.68			514.20	176.87	196.39	460.64	478.07		
01/13/99	188.79	174.56	175.36	174.16	188.72	174.79	191.18			519.00	176.39	193.55	459.03	477.53		
04/13/99	190.30	176.82	177.70	176.54	190.12	177.23	190.14	189.76	245.33	522.84	177.01	194.98	479.88	477.33	177.56	
04/20/99	190.19	176.64	177.46	176.40	190.02	177.05	190.00	189.64	245.76	521.74	176.82	195.25	480.64	477.29	177.32	
04/21/99	190.17	176.18	177.54	176.30	190.00	177.01	190.03	189.60	245.57	521.74	176.75	195.03	480.78	477.31	177.26	
04/22/99	190.07	176.04	177.40	175.80	190.02	176.52	190.03	189.56	245.71	521.77	176.62	195.03	481.04	476.76	177.18	
04/23/99	190.20	176.04	177.32	175.68	190.04	176.41	190.03	189.64	245.66	521.82	176.59	194.97	481.19	477.41	177.16	
04/24/99	190.15	175.84	177.19	175.60	189.98	176.27	189.98	189.59	245.71	521.82	176.37	194.98	481.94	477.46	177.40	
04/26/99	190.25	175.86	177.24	175.58	190.10	176.29	190.10	189.69	245.81	522.16	176.51	195.03	483.23	477.85	177.02	
04/27/99	190.25	175.84	177.17	175.72	190.07	176.44	190.07	189.66	246.03	522.38	176.44	195.03	482.65	477.95	176.96	
04/28/99	190.19	175.79	177.13	175.50	190.02	176.22	190.03	189.62	245.91	522.52	176.31	194.91	482.10	477.99	176.98	
04/29/99	190.20	175.76	177.09	175.46	191.02	176.19	190.02	189.61	245.95	522.72	176.33	194.95	481.61	478.05	176.92	
04/30/99	190.13	175.68	177.02	175.40	189.86	176.09	189.97	189.54	245.95	522.75	176.25	194.93	481.17	477.16		
05/01/99	190.15	175.68	176.99	175.33	189.85	176.06	189.98	189.53	246.00	522.92	176.25	194.97	480.99	477.25	176.77	
05/03/99	190.15	175.72	177.02	175.32	189.86	176.03	189.98	189.54	246.15	523.30	176.35	194.95	480.33	477.35	176.80	
05/04/99	190.05	175.71	177.02	175.30	189.84	176.01	189.93	189.52	246.19	523.40	176.34	194.95	479.94	477.36	176.79	
05/05/99	190.09	175.70	176.99	175.30	189.84	176.06	189.94	189.52								

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05/07/99	190.09	175.70	176.99	175.30	189.84	176.06	189.93	189.52								
05/10/99	190.05	175.65	176.94	175.28	189.75	175.96	189.98	189.43	246.33	523.42	176.24	194.64	477.19	477.49	176.71	
05/12/99	189.99	175.67	176.96	175.25	189.72	175.99	189.81	189.40								
05/14/99	189.90	175.68	176.90	175.37	189.63	175.99	189.76	189.32								
05/17/99	189.84	175.58	176.84	175.20	189.60	175.85	189.68	189.26	244.36	522.52	176.17	194.73	474.76	477.20	176.60	
05/19/99	189.88	175.73	176.94	175.65	189.60	176.36	189.68	189.24								
05/21/99	189.77	175.76	177.00	175.72	189.57	176.47	189.68	189.24								
05/24/99	189.90	175.94	177.17	175.90	189.65	176.61	189.71	189.29	246.53	521.84	176.59	194.69	473.50	477.03	176.92	
05/26/99	189.83	175.80	177.06	175.79	189.66	176.49	189.78	189.34								
05/28/99	189.80	175.62	176.89	175.17	189.60	175.89	189.68	189.26	246.41	521.50	176.13	194.43	473.26	476.76	176.67	
06/02/99	189.75	175.42	176.66	175.21	189.50	175.92	189.58	189.14								
06/04/99	189.65	175.29	176.53	175.00	189.40	175.76	189.48	189.06								
06/07/99	189.55	174.85	176.16	174.00	189.33	174.72	189.38	188.98	246.20	520.72	175.43	194.21	471.28	476.08	176.03	
06/09/99	188.93	174.48	175.93	173.79	189.19	174.49	189.05	188.89								
06/11/99	188.49	174.73	175.95	174.46	188.58	175.11	188.33	188.33								
06/14/99	188.26	174.72	175.95	174.20	188.45	174.91	188.03	188.22	245.87	520.11	176.38	193.66	470.02	475.62	175.87	
06/16/99	187.91	174.58	175.83	174.07	188.23	174.85	187.74	188.03								
06/18/99	187.83	174.51	175.73	174.04	188.04	174.78	187.75	187.69								

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
06/21/99	187.78	174.42	175.66	173.86	187.98	174.66	187.66	187.59	245.45	519.47	175.10	193.18	468.78	475.04	175.59	
06/23/99	187.70	174.33	175.88	173.88	187.93	174.56	187.55	187.73								
06/25/99	187.48	174.33	175.33	173.92	187.86	174.65	187.57	187.50								
06/28/99	187.92	174.18	175.22	173.69	188.05	173.98	187.80	187.63	245.32	518.86	174.95	193.27	467.73	474.49	175.41	
06/30/99	187.63	174.28	175.22	174.06	187.76	174.26	187.43	187.39								
07/02/99	187.39	174.18	174.99	173.89	187.70	174.07	187.41	187.47								
07/06/99	187.21	174.12	174.93	173.35	187.55	174.06	187.15	187.22	244.81	518.11	174.63	193.05	466.60	473.72	175.07	
07/07/99	187.14	174.01	174.81	173.65	187.46	173.91	187.05	187.13								
07/09/99	187.11	173.98	174.71	173.69	187.38	173.90	187.04	187.03								
07/12/99	186.99	173.88	174.82	173.92	187.76	174.43	187.83	187.29	244.31	517.57	174.57	192.90	465.83	473.10	174.97	
07/14/99	187.10	173.88	174.70	173.11	187.42	173.86	187.08	186.98								
07/16/99	186.97	173.83	174.61	173.04	187.31	173.79	186.97	186.99								
07/19/99	187.00	173.52	174.47	172.79	187.15	173.59	186.87	186.82	243.72	516.73	173.24	192.14	464.73	472.39	174.74	
07/21/99	186.65	173.35	174.33	172.68	186.99	173.46	186.56	186.71								
07/23/99	186.54	173.25	174.29	172.62	186.96	173.41	186.57	186.62								
07/26/99	186.42	173.20	174.22	173.16	186.89	173.28	186.47	186.62	243.20	516.09	173.96	191.85	464.12	471.86	174.60	
07/28/99	186.34	173.05	174.16	172.42	186.87	173.20	186.42	186.28								
07/30/99	186.29	173.18	174.18	172.69	186.68	173.42	186.27	186.42								

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DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
08/02/99	186.51	173.05	174.10	172.78	186.68	173.51	186.43	186.31	242.63	515.40	173.86	191.38	463.49	471.20	174.33	
08/04/99	186.07	173.12	173.98	172.59	186.48	173.30	186.07	186.27								
08/06/99	186.00	172.93	173.91	172.58	186.37	173.26	185.99	186.17								
08/09/99	186.01	172.85	173.83	172.38	186.43	173.21	185.97	186.17	241.98	514.76	173.71	191.30	462.88	470.74	174.27	
08/11/99	186.01	172.88	173.90	172.34	186.48	173.16	185.93	186.09								
08/13/99	185.87	172.88	173.79	172.28	186.38	173.13	186.00	186.00								
08/16/99	186.03	172.83	173.81	172.39	186.46	173.11	185.98	186.23	241.70	514.25	173.62	191.22	462.28	470.45	174.29	
08/18/99	185.99	172.68	173.73	171.81	186.45	172.67	185.87	186.18								
08/20/99	185.89	172.42	173.50	171.44	186.44	172.38	185.87	186.06								
08/23/99	185.83	172.27	173.28	171.25	186.21	172.20	185.84	185.96	240.98	513.73	172.96	191.05	461.78	469.80	174.01	
08/25/99	185.72	172.22	173.20	171.26	186.16	172.08	185.73	185.93								
08/27/99	186.23	172.40	173.42	171.93	186.49	172.71	186.00	186.13								
08/30/99	186.12	172.56	173.53	172.08	186.51	172.85	186.09	186.21	240.80	513.16	173.33	191.09	462.33	469.69	174.14	
09/01/99	186.09	172.59	173.56	172.08	186.49	172.85	186.11	186.25								
09/03/99	186.14	172.48	173.56	172.00	186.46	172.80	186.02	186.21								
09/08/99	186.08	172.38	173.47	171.98	186.49	172.75	186.02	186.29								
09/10/99	186.12	172.53	173.47	171.99	186.49	172.76	186.12	186.21								
09/13/99	186.06	172.43	173.47	171.91	186.47	172.72	186.04	186.12	240.25	512.79	173.22	191.03	460.88	468.73	174.06	

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DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
09/15/99	186.07	172.43	173.43	171.89	186.45	172.70	186.02	186.18								
09/20/99	188.63	175.42	176.58	174.73	188.87	175.43	188.56	188.73	242.19	522.29	175.66	192.60	481.22	478.64	176.74	
09/22/99	188.69	175.68	176.83	175.04	188.93	175.75	188.66	188.75								
09/22/99	188.47	175.75	176.77	175.09	188.87	175.80	188.66	188.72								
09/24/99	187.37	175.52	176.60	174.91	188.68	175.66	188.50	188.39					475.03			
09/27/99	188.20	175.52	176.61	174.83	188.54	175.60	188.31	188.28	243.29	517.63	175.84	192.34		475.27	176.99	
09/29/99	188.24	175.33	176.52	174.75	188.53	175.52	188.20	188.23								
10/01/99	188.24	175.33	176.52	174.75	188.53	175.52	188.16	188.23								
10/04/99	188.21	175.47	176.59	174.74	188.62	175.56	186.26	190.29	244.53	515.68	175.86	192.31	473.94	473.39	176.90	
10/06/99	188.23	175.46	176.52	174.82	188.54	175.55	188.17	188.38								
10/08/99	188.14	175.48	176.41	174.71	188.45	175.45	188.09	188.21								
10/15/99	188.13	175.31	176.35	174.71	188.47	175.42	188.05	188.23								
10/18/99	188.10	175.36	176.38	174.69	188.39	175.42	188.15	188.13	245.98	514.75	175.83	192.34	473.20	471.55	176.93	
10/20/99	187.93	175.16	176.20	174.49	188.23	175.23	187.95	187.93								
10/22/99	187.99	175.13	176.18	174.49	188.25	175.25	187.92	188.00								
10/25/99	187.72	174.86	175.87	174.23	188.06	174.91	187.64	187.07	246.35	514.40	175.24	192.05	471.44	470.96	176.41	
10/27/99	187.60	174.56	175.77	174.01	187.89	174.77	187.61	187.66								
10/29/99	187.46	174.51	175.48	173.82	187.79	174.58	187.40	187.57								

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
11/01/99	187.36	174.08	175.26	173.49	187.71	174.20	187.40	187.38	246.20	514.03	174.73	191.54	470.13	470.19	175.96	
11/03/99	187.39	174.08	175.11	173.48	187.73	174.23	187.41	187.42								
11/05/99	187.38	173.96	174.95	173.34	187.78	174.10	187.41	187.49								
11/08/99	187.57	174.06	175.20	173.86	187.91	174.65	187.65	187.69	246.09	514.21	174.80	191.50	470.86	469.84	175.93	
11/10/99	187.37	174.12	175.07	173.41	187.83	174.18	185.44	189.59								
11/12/99	187.21	173.63	174.84	173.32	187.58	173.95	187.25	187.33								
11/15/99	187.31	173.73	174.69	172.99	187.68	173.85	187.39	187.36	245.74	513.50	174.63	191.42	469.96	469.33	175.46	
11/17/99	187.13	173.45	174.61	172.83	187.49	173.66	187.18	187.25								
11/19/99	187.08	173.38	174.56	172.68	187.37	173.56	187.16	187.08								
11/22/99	186.94	173.50	174.38	172.69	187.38	173.44	187.05	187.07	245.75	513.63	173.86	191.47	468.61	469.00	174.36	
11/24/99	186.91	173.41	174.23	173.05	187.32	173.37	187.07	187.01								
11/26/99	186.91	173.36	174.17	173.02	187.35	173.32	187.06	186.99								
11/29/99	187.26	173.51	174.28	172.73	187.69	173.52	187.36	187.43	245.77	513.78	173.94	191.39	477.32	469.80	174.51	
12/01/99	187.41	173.39	174.42	172.88	187.81	173.66	187.57	187.57								
12/03/99	187.51	173.90	174.65	173.08	187.87	173.68	187.55	187.67								
12/06/99	187.47	173.55	174.68	173.09	187.77	173.83	187.49	187.59	245.45	514.29	174.28	191.45	475.89	469.63	176.23	
12/08/99	187.30	173.73	174.51	172.67	188.68	173.69	187.34	187.38								
12/10/99	187.31	173.83	174.56	173.02	187.71	173.76	187.39	187.39								

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
12/13/99	187.20	173.69	174.50	173.42	187.60	173.66	187.26	187.38	245.13	514.21	174.03	192.97	474.53	469.54	175.17	
12/15/99	187.26	173.66	174.46	173.34	187.69	173.65	187.33	187.43								
12/17/99	187.44	173.85	174.56	173.03	187.82	173.76	187.55	187.62								
12/20/99	187.48	173.92	174.72	173.07	187.84	173.91	187.59	187.70	245.10	515.06	174.26	192.90	479.48	470.46	175.56	
12/22/99	187.58	173.98	174.79	173.26	187.96	173.96	187.59	187.72								
12/24/99	187.54	173.99	174.85	173.22	188.02	173.85	187.55	187.65								
12/27/99	187.43	173.70	174.75	173.14	187.88	173.83	187.57	187.57	245.07	515.85	174.39	192.87	478.74	470.87	175.48	
12/29/99	187.33	173.71	174.72	173.06	187.79	173.85	187.45	187.68								
01/03/00	187.17	173.72	174.46	172.88	187.68	173.61	187.30	187.17	244.86	516.25	174.00	193.00	476.53	470.86	174.81	
01/05/00	187.59	173.57	174.43	173.52	187.73	173.76	187.61	186.43								
01/07/00	187.37	173.60	174.37	172.68	187.64	173.54	187.42	187.35								
01/10/00	187.32	173.58	174.30	172.66	187.64	173.46	187.45	187.36	244.80	516.09	174.05	192.97	476.46	470.90	174.79	
01/12/00	187.29	173.45	174.22	172.59	187.66	173.41	187.39	187.38								
01/14/00	187.29	173.48	174.23	172.62	187.65	173.37	187.41	187.36								
01/17/00	187.32	173.46	174.25	172.70	187.65	173.48	187.55	187.34	244.31	517.59	173.92	192.92	478.64	471.43	174.55	
01/19/00	187.29	173.47	174.30	172.67		173.50	187.52	187.32								
01/24/00	187.27	173.42	174.22	172.55	187.57	173.38	187.51	187.34	244.52	517.64	173.81	192.91	476.24	471.20	174.56	
02/01/00	187.54	173.57	174.31	173.63	187.68	173.86	187.75	187.30	244.54	517.58	174.06	192.94	474.03	471.18	174.87	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
02/02/00	187.88	173.56	174.35	173.67	187.69	173.79	187.92	187.36								
02/07/00	186.67	173.31	174.12	173.69	187.04	173.26	186.67	186.77	244.12	516.78	173.73	192.47	472.74	471.19	174.81	
02/09/00	186.59	173.32	174.07	172.84	186.96	173.20	186.51	186.70								
02/11/00	186.57	173.28	174.07	173.01	186.98	173.23	186.57	186.76								
02/14/00	186.74	174.30	174.25	172.85	187.24	173.04	186.76	186.78	244.00	517.09	173.68	192.99	473.57	471.48	175.44	
02/16/00	186.68	174.25	174.02	172.89	187.19	173.08	186.68	186.77								
02/18/00	186.81	173.36	174.08	172.95	187.18	173.28	186.71	186.92								
02/22/00	186.92	173.48	174.21	173.07	187.20	173.48	186.74	186.95	243.89	517.08	173.86	193.00	477.82	471.44	175.41	
02/23/00	187.00	173.53	174.30	173.18	187.37	173.52	186.92	186.94								
02/28/00	187.53	173.98	174.76	173.72	187.84	173.96	187.41	187.61	244.27	518.75	174.35	193.22	488.88	474.07	175.47	
03/01/00	187.14	174.43	175.15	174.13	188.24	174.46	187.90	188.07								
03/03/00	188.17	174.86	175.58	174.67	188.54	174.90	188.15	188.42								
03/06/00	188.20	175.13	175.86	174.87	188.48	175.14	188.14	188.26	244.57	525.13	175.26	193.34	480.89	477.36	176.65	
03/10/00	187.99	175.23	175.97	174.89	188.34	175.19	187.95	188.12								
03/13/00	188.08	175.31	176.06	174.98	188.46	175.26	188.06	188.25	244.84	524.76	175.40	193.40	482.78	477.93	176.86	
03/15/00	188.24	175.42	176.22	175.16	188.63	175.43	188.16	188.36								
03/17/00	188.31	175.47	176.27	175.26	188.72	175.52	188.26	188.43								
03/20/00	188.53	175.66	176.78	175.46	188.77	175.66	188.42	188.62	245.23	525.93	175.83	193.61	484.53	478.99	177.50	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
03/22/00	188.61	175.76	176.57	175.49	188.93	175.75	188.52	188.68								
03/24/00	188.99	176.10	176.83	175.29	189.32	176.04	188.84	189.01								
03/29/00	189.51	176.50	177.31	176.17	189.83	176.49	189.37	189.59								
03/31/00	189.48	176.56	177.32	176.26	189.84	176.48	189.44	189.60								
04/03/00	189.28	176.43	177.37	176.12	189.59	176.46	189.26	189.36	246.60	527.01	176.64	194.99	482.43	480.37	178.30	
04/07/00	189.26	176.35	177.16	176.02	189.48	176.35	189.06	189.19								
04/10/00	189.11	176.21	177.13	175.96	189.48	176.20	188.97	189.18	246.89	526.55	175.35	194.92	482.60	480.45	178.00	
04/12/00	189.04	176.32	177.16	176.17	189.38	176.23	189.04	189.18								
04/14/00	189.04	176.46	177.22	176.07	189.34	176.36	189.02	189.20								
04/17/00	189.09	176.47	177.30	176.14	189.39	176.36	188.99	189.18	247.57	526.39	176.61	194.97	477.42	479.49	177.87	
04/19/00	189.01	176.27	177.16	175.97	189.34	176.29	188.97	189.10								
04/24/00	189.12	176.48	177.25	176.18	189.56	176.48	189.21	189.35	248.46	528.84	176.76	195.39	488.26	483.10	178.20	
04/26/00	189.36	176.60	177.52	176.41	189.72	176.61	189.27	189.46								
04/28/00	189.39	176.67	177.55	176.36	189.67	176.66	189.29	189.46								
05/01/00	189.43	176.62	177.51	176.32	189.69	176.58	189.20	189.38	248.58	529.56	176.75	195.37	481.26	484.18	178.06	
05/03/00	189.38	176.62	177.43	175.78	189.59	176.53	189.19	189.31								
05/05/00	189.22	176.68	177.53	176.42	189.64	176.63	189.23	189.40								
05/08/00	189.22	176.76	177.65	176.42	189.63	176.71	189.07	189.35	249.10	527.87	176.95	195.41	477.81	483.97	178.20	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
05/10/00	189.30	176.72	177.57	176.36	189.48	176.74	189.06	189.20								
07/25/00	189.72	176.32	177.16	176.22	189.38	176.23	189.68	190.94	250.35	517.12	176.59	195.84	469.25	476.06	179.01	
10/11/00	189.00		177.24	174.26	188.01	175.47	187.46	189.63	248.37	504.78	175.46	195.13	475.69	469.15	179.76	
01/16/01	186.77	168.94	173.84	172.30	187.25	173.01	186.90	186.92	242.59		170.21	193.21	463.09	466.61	174.73	
02/21/01	190.85	175.64	177.74	174.30	190.60	174.87	188.18	188.64	242.41		171.01	193.70	477.20	468.64	175.65	
03/20/01	191.65	176.24	178.44	174.90	191.60	175.47	188.18	189.44	245.9		171.79	194.49	482.17	476.35	176.16	
04/17/01	192.55	178.04	180.44	176.60	192.30	177.47	189.58	190.24	246.94		173.87	194.61	479.63	480.49	178.34	
05/23/01	191.65	177.44	179.64	175.80	191.40	176.57	188.58	189.54	247.53		172.84	195.31	472.34	476.95	177.33	
06/18/01	192.45	177.84	180.14	176.40	191.80	177.17	188.48	189.41	248.17		173.26	195.03	472.53	473.41	178.77	
07/24/01	191.45	177.44	179.74	175.80	179.60		188.38	189.12	249.28		173.42	195.57	468.39	478.01	177.71	
08/14/01	191.65	177.24	179.44	175.50	191.30		188.58	189.14	248.92		172.65	195.42	466.26	476.4	177.20	
09/12/01	192.75	175.94	178.14	174.40	191.00		187.97	188.96	243.96		171.48	194.49	460.79	473.41	175.38	
10/16/01	191.05	174.74	177.34	173.50	189.70		187.78	188.63	243.47		172.59	194.59	460.75		175.24	
11/09/01	190.35	174.04	176.24	172.40	189.30		186.87	187.13	242.8		172.53	194.33	460.44		174.82	
12/11/01	189.65	173.64	175.84	172.30	188.80		186.58	185.69	238.42		171.61	192.95	459.96		174.91	
01/08/02	189.45	173.54	175.74	172.10	188.50		186.28	186.44	235.39		169.43	192.61	458.80		175.88	
02/06/02	189.05	173.04	175.24	171.80	188.00		185.88	186.34	234.55	475.66	169.15	192.27	457.69		176.30	
03/07/02	187.85	171.14	173.64	170.20	186.80		184.68	185.19	234.18	474.90	168.83	192.02	455.80		173.43	

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CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
04/02/02	189.25	174.04	176.24	173.10	179.50	173.02	185.48	186.19	234.61		170.07	192.07	462.21		173.92	
05/02/02	190.55	176.94	179.34	175.90	189.40	174.57	186.78	186.44	235.01	480.30	170.32	192.35	462.30		173.24	
06/02/02	192.45	177.84	180.14	176.40	191.80	177.17	189.28	190.14	234.87	483.42	170.77	192.48	462.39		173.01	
07/02/02	190.55	175.84	178.14	174.10	188.90	174.22	186.53	187.49	236.45	485.90	171.44	192.63	462.71		173.97	
08/02/02	190.35	174.54	176.94	172.80	188.40	174.67	186.07	187.64	238.32	485.29	169.76	191.92	462.34		174.50	
09/02/02	191.35	176.24	178.34	174.40	190.80	175.27	188.28	188.44	237.71	484.24	169.21	191.81	462.73		174.22	
10/02/02	188.25		175.84	171.90	187.40	175.47	186.78	186.44	238.07	482.17	169.07	191.47	460.00		173.64	
11/02/02	190.65		178.04	173.90	189.30	175.67	186.98	186.50	238.19	482.52	170.17	191.65	467.57		174.01	
12/02/02	190.35		178.34	174.10	189.00	176.51	187.38	186.44	237.9	483.00	171.02	192.22	469.55		174.49	
01/02/03	188.55	177.11	178.04	176.17	189.35	176.77	188.63	187.14	242.6	494.34	173.77	193.09	483.39		174.65	
02/02/03	192.15	175.94	179.04	175.10	190.60	176.27	188.83	187.34	244.2	493.43	171.76	193.54	482.11		176.16	
03/02/03	194.65	179.24	180.94	177.10	192.90	178.77	191.18	189.54	246.2	500.53	174.04	194.42	488.15		178.38	
04/02/03	194.85	180.54	183.04	178.80	194.50	180.35	192.17	190.42		502.42	175.15	197.19	487.49		178.70	
05/02/03	191.31	176.86	177.90	176.02	190.78		191.08	190.60			173.61	196.37			178.00	
06/02/03	194.25	180.34	181.44	179.60	193.70			194.39		500.68	176.73		482.15			
07/02/03	192.49	178.54	179.66	177.94	192.24		192.38	192.74		497.30	175.17	195.61	472.11		179.82	
08/02/03	192.44	179.36	180.26	178.82	192.26		193.03	192.60		494.99	175.87	200.09	472.25		180.42	
09/02/03	204.25		182.04		197.60		201.68			492.54	174.85	194.29	471.45		179.27	

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GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
10/02/03	208.65		183.14		201.40		205.58			491.39	176.07	199.12	468.16		180.19	
11/02/03	206.15		183.64		199.30		202.98			495.21	177.39	194.71	473.01		180.87	
12/02/03	209.65		187.04		202.70		206.48			507.88	180.37	197.29	484.53		182.21	
01/04/04	207.75		185.74		200.90		204.68			504.17	177.97	195.73	477.50		182.95	
02/04/04	206.65		184.34		199.90		203.68			499.70	178.08	198.94	477.36		181.58	
03/04/04	205.85		182.94		199.00		202.88			498.57	176.50	195.06	483.41		179.84	
04/04/04	205.85		182.94		199.00		202.88			499.99	175.12	197.26	488.50		179.56	
05/04/04	205.75		183.94		198.90		202.88			503.53	177.84	194.60	477.51		181.35	
06/04/04	204.15		182.54		197.30		201.08			498.49	176.55	194.06	470.28		180.02	
07/04/04	208.85		181.64		201.00		205.68			496.59	174.62	198.66	468.00		179.52	
08/04/04	204.65	178.59	182.84	177.89	197.90	178.57	201.68	190.59		492.19	176.73	195.12	467.72		180.37	
09/04/04	194.79	182.72	183.74	182.07	194.27	182.76	194.68	194.99		497.69	178.88	196.70	477.72		181.38	
10/04/04			181.64		201.00		205.68			496.59	174.62	198.66	468.02			
11/04/04		177.90				178.79	190.81	188.14		495.40	175.68	194.42	471.30		181.92	
12/04/04		180.59				180.57	194.82	197.14		482.01	177.27	199.43	486.82		181.84	
01/04/04			182.65	179.67	196.15			198.84					487.42			
02/04/05		180.54	181.47	179.80	193.40	180.57	193.78	194.04		501.87	177.23	196.63	481.07		183.90	
03/04/05		180.22	181.13	179.52	194.50	180.34	195.18	195.52		501.60	176.97	200.64	477.59		183.95	
04/04/05		185.99	191.02	186.50	199.85	186.22	200.23	202.44		505.41	182.19	200.98	486.02		187.91	
05/04/05	194.42	181.15	182.06	180.23	193.46	181.08	193.74	194.42		501.16	177.74	196.43	474.01		185.00	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
06/04/05	193.50	178.11	179.92	178.35	192.66	178.98	190.67	193.23		495.48	175.88	196.23	471.23			182.76
07/04/05	194.34	179.87	179.56	178.05	193.46	178.78	193.61	194.66		495.08	175.67	197.30	470.94			182.55
08/04/05	190.55	176.72	177.60	175.92	189.84	171.59	190.12	190.85		489.59	173.66	195.52	465.28			180.34
10/04/05	188.39	175.42	179.18	174.98	188.16	175.34	188.43			486.51	172.54	193.23	462.36			179.16
11/04/05	190.93	178.64	179.69	177.94	190.15	178.63	191.25	192.15		491.54	175.37	195.06	475.86			181.77
01/04/06	193.59	179.00	179.97	178.36	192.92	179.12	193.28			500.67	175.69	197.18	484.45			
02/04/06	193.47	180.11	180.00	179.65	192.51	180.16	192.75	193.54		504.23	176.70	197.09	480.21			183.26
03/04/06	191.55	192.82	179.60	176.91	190.88	177.71	191.02	192.55		500.71	174.70	194.65	473.94			181.30
04/04/06	190.83	176.62	177.60	175.98	190.38	176.79	190.72			498.45	173.63	196.72	473.21			
05/04/06	190.34	177.35	178.01	176.86	189.60	177.36	190.49	190.51		499.05	174.29	194.68	477.49			180.32
06/04/06	197.18	183.06	184.00	182.54	196.53	183.24	197.07	197.50		504.10	179.34	198.18	482.45			184.35
07/04/06	194.90	183.46	184.69	183.21	194.57	183.95	194.87			503.98	179.89	196.91	478.65			
08/04/06	190.56	179.86	180.79	179.49	190.18	180.07	190.57			498.9	176.39	194.01	470.81			
09/04/06	190.32	179.66	180.65	178.94	190.04	179.74	190.4			494.53	178.33	194.13	469.9			
10/04/06	190.1	179.37	180.21	178.79	189.93	179.55	190.3			493.02	176.17	193.69	468.23			
11/01/06	179.95	179.63	180.56	178.93	186.48	179.63	190.94	191.25		465.24	177.71	193.95	478.25			182.6
12/01/06	179.26	178.79	179.91	178.38	185.4	179.17	190.24	190.19		467.28	177.21	193.65	472.99			182.31
01/01/07	179.85	178.21	179.34	177.4	186.23	178.06	191.08			471.59	176.32	193.89	480.93			182.47
02/01/07	179.43	178.67	179.68	177.52	186.38	178.79	191.92	193.52		472.3	175.84	194.95	480.76			184.22
03/01/07	179.44	176.54	177.24	177.58	186.15	176.44	190.27	190.16		473.24	173.32	194.93	479.06			183.26

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above sea level)															
	DM-2*	DM-9	DM-10*	DM-11*	MW-1*	MW-3	MW-9*	MW-9A	DM-1	DM-4*	DM-8	PZ-3*	MW-2*	MW-12	N-8	
04/01/07	180.7	177.89	178.61	177.16	187.16	177.87	191.48			475.13	176.19	195.33	480.92			182.93
05/01/07	180.8	245.82	225.19	179.6	187.33	180.47	191.87	192.29		477.23	174.64	194.43	480.43			178.62
06/01/07																
07/01/07	179.64	178.43	179.43	177.83	185.5	268.42	190.32			468.43	181.52	194.2	471.25			
08/01/07	179.19	228.59	182.84	177.89	183.9	178.57	201.68	190.59		463.15	175.25	193.3	469.34			
09/01/07																
10/01/07	175.45	175.32	176.04	174.25	183.68	174.95	187.98			460	172.17	192.77	462.85			180.37
11/01/07																
12/01/07																
01/01/08	178.65	177.84	178.64	176.9	184.6	177.77	189.38			459.51	174.57	193.11	473.99			
02/01/08																
03/01/08																
04/01/08	180.7	180.44	181.24	177.16	186.9	180.37	191.57			477.36	176.87	194.18	478.28			

*Abatement Zone Network Wells

 Suspected transducer malfunction. Data excluded.

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Parameter	Units	Cleanup Level ⁽¹⁾								
			01/16/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/13/99
1,1,1-Trichloroethane	ug/l	200	5	6	7	7	5	5	5	6
1,1-Dichloroethane	ug/l	27	29	26	33	28	28	32	23	24
1,1-Dichloroethene	ug/l	7	4	4	4	5	1	<5	<5	<5
1,2-Dichloroethane	ug/l	5	1	1	2	2	1	--	--	--
1,2-Dichloropropane	ug/l	5	1	1	2	2	2	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	2	1	1	2	2	<5	<5	<5
Benzene	ug/l	5	1	1	1	<1	1	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<1	<1	<1	<1	<1	<5	<5	<5
Chlorobenzene	ug/l	100	56	47	65	83	53	57	48	46
cis 1,2-Dichloroethene	ug/l	70	9	12	14	12	7	13	9	10
Iron (Dissolved)	mg/l	--	0.25	0.22	0.34	0.55	0.30	0.33	0.08	0.07
Iron (Total)	mg/l	--	2.97	1.69	1.11	1.24	1.13	1.15	0.15	0.10
Manganese (Dissolved)	mg/l	--	5.70	5.55	5.59	6.05	5.21	5.91	4.23	3.41
Manganese (Total)	mg/l	--	5.83	5.57	5.53	5.88	5.25	6.05	4.29	3.42
Methylene Chloride	ug/l	5	<1	1	2	<1	<1	<5	<5	<5
Tetrachloroethene	ug/l	5	3	4	5	4	3	5	6	7
trans 1,2-Dichloroethene	ug/l	100	<1	<1	<1	<1	<1	<5	<5	<5
Trichloroethene	ug/l	5	15	14	20	20	12	16	16	14
Trichloromethane (Chloroform)	ug/l	100	<1	1	1	<1	1	<5	<5	<5
Vinyl Chloride	ug/l	2	2	1	2	2	1	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

		Cleanup								
Parameter	Units	Level ⁽¹⁾	01/19/00	04/12/00	07/25/00	10/11/00	01/17/01	04/18/01	07/25/01	10/17/01
1,1,1-Trichloroethane	ug/l	200	5	5	5	<5	5	<5	<5	6
1,1-Dichloroethane	ug/l	27	25	26	20	21	21	19	19	21
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	6
1,2-Dichloroethane	ug/l	5	--	--	--	--	--	--	--	--
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	8	<5	<5	<5	5	<5	<5	<5
Chlorobenzene	ug/l	100	42	46	50	39	34	46	36	42
cis 1,2-Dichloroethene	ug/l	70	8	10	8	9	9	9	8	9
Iron (Dissolved)	mg/l	--	0.27	0.14	0.13	0.05	0.03	0.08	0.04	0.06
Iron (Total)	mg/l	--	0.25	1.75	1.42	0.07	0.04	0.58	0.05	0.07
Manganese (Dissolved)	mg/l	--	3.23	3.33	3.36	2.72	2.63	2.87	2.74	2.60
Manganese (Total)	mg/l	--	3.29	3.38	3.35	2.73	2.64	2.95	2.75	2.47
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	7	8	7	7	7	8	7	7
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	12	14	15	15	13	14	13	15
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	3	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

		Cleanup								
Parameter	Units	Level ⁽¹⁾	02/06/02	04/17/02	07/17/02	10/09/02	01/15/03	04/16/03	07/15/03	10/16/03
1,1,1-Trichloroethane	ug/l	200	5	<5	<5	<5	<5	<5	5	5
1,1-Dichloroethane	ug/l	27	22	17	16	15	19	17	21	20
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	<5	<5	<5	<5
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	6	5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	37	28	23	22	26	28	25	25
cis 1,2-Dichloroethene	ug/l	70	9	7	6	6	8	6	7	7
Iron (Dissolved)	mg/l	--	0.04	0.04	0.09	<0.03	0.13	<0.05	0.06	<0.05
Iron (Total)	mg/l	--	0.23	0.06	0.15	0.21	0.5	0.07	0.12	0.31
Manganese (Dissolved)	mg/l	--	2.17	2.04	2.44	1.85	1.82	1.91	2.26	1.9
Manganese (Total)	mg/l	--	2.16	2.03	2.48	1.87	1.8	1.95	2.27	1.89
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	9	7	<5	7	6	6	<5	6
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	14	11	10	9	11	12	12	13
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

		Cleanup								
Parameter	Units	Level ⁽¹⁾	01/21/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05	07/12/05	10/04/05
1,1,1-Trichloroethane	ug/l	200	< 5	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	13	13.7	9.3	10.5	10.4	11.1	11.4	13.4
1,1-Dichloroethene	ug/l	7	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	13	14.1	8	18.1	11.8	11.3	15.8	20.8
cis 1,2-Dichloroethene	ug/l	70	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	0.03	< 0.05	< 0.05	0.08
Iron (Total)	mg/l	--	0.49	2.72	0.4	1.02	0.61	19.5	0.75	0.91
Manganese (Dissolved)	mg/l	--	2.28	2.15	1.01	2.04	2.04	1.92	2.17	2.45
Manganese (Total)	mg/l	--	2.27	2.32	1.07	2.17	2.09	3.91	2.21	2.55
Methylene Chloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	11	11.6	6.5	8.9	9.8	8.9	10.2	9.9
Trichloromethane (Chloroform)	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

		Cleanup								**
Parameter	Units	Level ⁽¹⁾	01/18/06	04/11/06	07/18/06	10/10/06	01/16/07	04/03/07	07/17/07	07/30/07
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	10.4	7	10.6	10	9.3	10.8	7.6	6.4
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	15.8	19	18.2	15.9	15.8	16.1	9.5	7.8
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	0.18	0.07	< 0.05	0.12	< 0.05	< 0.05	0.1	NA
Iron (Total)	mg/l	--	0.89	0.5	0.11	2.12	2.12	0.23	0.72	NA
Manganese (Dissolved)	mg/l	--	2.87	2.61	2.24	2.32	2.34	2.25	1.89	NA
Manganese (Total)	mg/l	--	2.81	2.54	2.16	2.53	2.46	2.26	1.88	NA
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	9.1	10	9.6	10.1	9.8	10.4	8.2	6.2
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

** Sampled during temporary shutdown of groundwater pumping wells.

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Parameter	Units	Cleanup			
		Level ⁽¹⁾	10/17/07	01/15/08	
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	9.3	10.3	9.3
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	11.7	12.8	13.8
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	< 0.05	0.05	0.32
Manganese (Dissolved)	mg/l	--	1.95	1.87	1.94
Manganese (Total)	mg/l	--	1.95	1.88	2.02
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	9.6	9.8	9.8
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4

Parameter	Units	Cleanup	01/15/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/14/99
1,1,1-Trichloroethane	ug/l	200	<5	<5	<0.5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	27	<5	<5	<0.5	<5	<5	<5	<5	<5
1,1-Dichloroethene	ug/l	7	<5	<5	<0.5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	<0.5	<1	<0.5	--	--	--
1,2-Dichloropropane	ug/l	5	--	--	<0.5	<1	<0.5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	--	--	<0.5	<1	<0.5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<0.5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	--	--	<0.5	<1	<0.5	<5	<5	<5
Chlorobenzene	ug/l	100	--	--	<0.5	<1	<0.5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<0.5	<5	<5	<5	<5	<5
Iron (Dissolved)	mg/l	--	0.05	1.50	0.10	0.05	<0.05	0.11	0.79	<0.03
Iron (Total)	mg/l	--	1.60	2.00	0.17	5.53	0.29	2.01	4.10	0.87
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese (Total)	mg/l	--	0.01	<0.01	<0.01	0.04	<0.01	0.01	0.05	<0.01
Methylene Chloride	ug/l	5	<5	<5	<0.5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	<5	<0.5	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<0.5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<5	<5	<0.5	<5	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	100	--	--	<0.5	<1	<0.5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<0.5	<5	<2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4

		Cleanup								
Parameter	Units	Level ⁽¹⁾	01/19/00	04/12/00	07/25/00	10/12/00	01/15/03	07/16/03	10/15/03	01/22/04
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	27	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	<5	<5	<5	<5
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<5	<5	<5	<5	<5	<5
Iron (Dissolved)	mg/l	--	0.03	<0.03	<0.03	0.17	660.00	<50	<50	<50
Iron (Total)	mg/l	--	1.10	0.22	0.17	0.19	660.00	130.00	130.00	510.00
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	<0.01	10.00	<10	<10	<10
Manganese (Total)	mg/l	--	<0.01	<0.01	<0.01	<0.01	10.00	<10	<10	<10
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4

		Cleanup								
Parameter	Units	Level ⁽¹⁾	04/14/04	07/13/04	10/12/04	01/11/05	04/13/05	07/12/05	10/04/05	01/17/06
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	< 0.05	< 0.05	0.08	0.28	< 0.05	< 0.05	0.11	0.21
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.010	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4

		Cleanup								
Parameter	Units	Level ⁽¹⁾	04/11/06	07/18/06	10/10/06	01/16/07	04/03/07	07/17/07	10/17/07	01/15/08
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	0.19	< 0.05	0.06	< 0.05	< 0.05	0.14	0.11	0.17
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4

Parameter	Units	Cleanup Level ⁽¹⁾	Date
1,1,1-Trichloroethane	ug/l	200	< 5.0
1,1-Dichloroethane	ug/l	27	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0
Benzene	ug/l	5	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0
Chlorobenzene	ug/l	100	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05
Iron (Total)	mg/l	--	< 0.05
Manganese (Dissolved)	mg/l	--	< 0.01
Manganese (Total)	mg/l	--	< 0.01
Methylene Chloride	ug/l	5	< 5.0
Tetrachloroethene	ug/l	5	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0
Trichloroethene	ug/l	5	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0
Vinyl Chloride	ug/l	2	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

		Cleanup								
Parameter	Units	Level ⁽¹⁾	01/15/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/13/99
1,1,1-Trichloroethane	ug/l	200	24	23	29	11	12	25	10	15
1,1-Dichloroethane	ug/l	27	32	28	34	17	25	37	17	21
1,1-Dichloroethene	ug/l	7	5	5	5	2	3	6	<5	<5
1,2-Dichloroethane	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	--	--	--
1,2-Dichloropropane	ug/l	5	0.6	<0.5	0.7	<1	<0.5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	2	2	2	<1	0.6	--	<5	<5
Benzene	ug/l	5	2	2	3	<1	0.9	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
Chlorobenzene	ug/l	100	0.8	<0.5	<0.5	<1	<0.5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	16	17	21	10	11	19	9	12
Iron (Dissolved)	mg/l	--	0.15	0.05	0.05	0.14	0.21	0.32	0.11	0.11
Iron (Total)	mg/l	--	9.63	5.91	1.74	8.94	16.00	5.55	0.64	4.16
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	0.03	0.03	0.03	0.01	0.01
Manganese (Total)	mg/l	--	0.03	0.02	0.01	0.05	0.06	0.04	0.02	0.02
Methylene Chloride	ug/l	5	2	2	3	<1	0.8	<5	<5	<5
Tetrachloroethene	ug/l	5	7	7	8	4	5	8	<5	6
trans 1,2-Dichloroethene	ug/l	100	<0.5	<0.5	0.7	<1	<0.5	<5	<5	<5
Trichloroethene	ug/l	5	5	4	6	2	3	6	<5	<5
Trichloromethane (Chloroform)	ug/l	100	0.8	0.8	1	<1	1	<5	<5	<5
Vinyl Chloride	ug/l	2	5	5	5	<1	2	7	<2	3

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

		Cleanup								
Parameter	Units	Level ⁽¹⁾	01/19/00	04/12/00	07/25/00	10/11/00	01/17/01	04/18/01	07/25/01	10/17/01
1,1,1-Trichloroethane	ug/l	200	9	12	15	12	16	11	9	17
1,1-Dichloroethane	ug/l	27	18	18	18	18	23	18	13	25
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	5	<5	<5	7
1,2-Dichloroethane	ug/l	5	--	--	--	--	--	--	--	--
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	8	10	11	11	13	9	8	15
Iron (Dissolved)	mg/l	--	0.15	0.11	0.11	0.18	0.14	0.07	0.06	0.13
Iron (Total)	mg/l	--	2.02	6.48	3.08	0.72	4.55	2.29	2.99	2.38
Manganese (Dissolved)	mg/l	--	0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.01
Manganese (Total)	mg/l	--	0.02	0.01	0.01	<0.01	0.01	<0.01	<0.01	0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	5	6	5	7	5	<5	7
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	2	3	3	3	4	4	2	5

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

		Cleanup								
Parameter	Units	Level ⁽¹⁾	02/06/02	04/17/02	07/17/02	10/09/02	01/15/03	04/16/03	07/15/03	10/15/03
1,1,1-Trichloroethane	ug/l	200	6	9	5	5	5	8	6	11
1,1-Dichloroethane	ug/l	27	12	15	10	9	7	14	12	18
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	<5	<5	<5	<5
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	7	9	5	5	<5	9	6	12
Iron (Dissolved)	mg/l	--	0.03	0.03	0.10	0.14	0.06	0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	1.05	7.05	3.85	5.28	6.59	10.2	0.59	18.5
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	<0.01	< 0.01	< 0.01	< 0.01	0.01
Manganese (Total)	mg/l	--	<0.01	<0.01	<0.01	<0.01	0.01	0.02	< 0.01	0.02
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	6	<5	<5	<5	5	<5	6	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	2	<2	<2	<2	2	<2	3

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

		Cleanup								
Parameter	Units	Level ⁽¹⁾	01/21/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05	07/12/05	10/04/05
1,1,1-Trichloroethane	ug/l	200	.5	7.8	6.4	< 5.0	< 5.0	< 5.0	5.2	< 5.0
1,1-Dichloroethane	ug/l	27	8	15.9	11.5	< 5.0	5.3	< 5.0	10.8	6.2
1,1-Dichloroethene	ug/l	7	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5	7.9	6.5	< 5.0	< 5.0	< 5.0	5.4	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	0.15	0.06	< 0.05	< 0.02	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	3.19	2.19	0.25	3.81	0.73	2.02	2.59	4.28
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Total)	mg/l	--	< 0.01	< 0.010	< 0.01	< 0.010	< 0.01	< 0.01	< 0.01	0.01
Methylene Chloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2	2.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Parameter	Units	Cleanup Level ⁽¹⁾									**
			01/17/06	04/11/06	07/19/06	10/10/06	01/16/07	04/03/07	07/17/07	07/30/07	
1,1,1-Trichloroethane	ug/l	200	5.4	5.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	13	12.4	< 5.0	< 5.0	8.2	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	5.6	6.5	< 5.0	< 5.0	6.3	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	0.06	< 0.05	< 0.05	0.09	< 0.05	< 0.05	< 0.05	< 0.05	NA
Iron (Total)	mg/l	--	1.69	< 0.05	0.16	< 0.05	< 0.05	< 0.05	0.16	NA	
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA
Manganese (Total)	mg/l	--	0.01	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	8.1	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

** Sampled during temporary shutdown of groundwater pumping wells.

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Parameter	Units	Cleanup			
		Level⁽¹⁾	10/17/07	01/15/08	
1,1,1-Trichloroethane	ug/l	200	5.2	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	11.2	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	6.3	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	< 0.05	< 0.05	0.15
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01
Manganese (Total)	mg/l	--	0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Parameter	Units	Cleanup Level ⁽¹⁾	DM-11						
			01/15/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99
1,1,1-Trichloroethane	ug/l	200	6	6	8	9	5	<5	<5
1,1-Dichloroethane	ug/l	27	28	30	42	43	36	23	20
1,1-Dichloroethene	ug/l	7	1	2	2	3	2	<5	<5
1,2-Dichloroethane	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	--	--
1,2-Dichloropropane	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5
1,4-Dichlorobenzene	ug/l	75	2	1	2	3	2	<5	<5
Benzene	ug/l	5	2	2	4	4	3	<5	<5
Carbon Tetrachloride	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5
Chlorobenzene	ug/l	100	1	0.9	2	3	2	<5	<5
cis 1,2-Dichloroethene	ug/l	70	16	19	31	35	23	14	12
Iron (Dissolved)	mg/l	--	<0.05	0.05	<0.05	0.08	<0.05	0.07	<0.05
Iron (Total)	mg/l	--	0.28	0.36	1.37	0.35	0.46	2.18	<0.05
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
Manganese (Total)	mg/l	--	<0.01	<0.01	0.03	0.01	0.01	0.02	<0.01
Methylene Chloride	ug/l	5	18	19	29	32	19	11	7
Tetrachloroethene	ug/l	5	10	11	17	16	12	8	8
trans 1,2-Dichloroethene	ug/l	100	<0.5	<0.5	<0.5	<1	<0.5	<5	<5
Trichloroethene	ug/l	5	15	17	27	29	18	12	15
Trichloromethane (Chloroform)	ug/l	100	0.6	0.8	0.8	<1	1	<5	<5
Vinyl Chloride	ug/l	2	6	7	8	7	6	3	2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

		Cleanup							
Parameter	Units	Level ⁽¹⁾	10/13/99	04/12/00	07/25/00	10/11/00	01/17/01	04/18/01	07/25/01
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	27	18	15	21	18	16	12	11
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	--	--	--
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	10	8	13	11	8	7	6
Iron (Dissolved)	mg/l	--	<0.03	0.06	<0.03	0.04	<0.03	0.04	<0.03
Iron (Total)	mg/l	--	0.07	2.46	0.38	0.04	<0.03	0.12	<0.03
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese (Total)	mg/l	--	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene Chloride	ug/l	5	<5	<5	9	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	6	5	8	6	6	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	13	11	14	13	13	8	9
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	2	<2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

		Cleanup							
Parameter	Units	Level ⁽¹⁾	10/17/01	02/06/02	04/17/02	07/17/02	10/09/02	01/15/03	04/16/03
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	< 5	< 5
1,1-Dichloroethane	ug/l	27	15	14	15	14	14	13	9
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	< 5	< 5
1,2-Dichloroethane	ug/l	5	--	--	--	--	--	< 5	< 5
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	< 5	< 5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	< 5	< 5
Benzene	ug/l	5	<5	<5	<5	<5	<5	< 5	< 5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	< 5	< 5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	< 5	< 5
cis 1,2-Dichloroethene	ug/l	70	10	8	8	8	9	8	5
Iron (Dissolved)	mg/l	--	<0.03	<0.03	0.31	0.03	<0.03	< 0.05	< 0.05
Iron (Total)	mg/l	--	0.09	0.07	0.84	0.04	<0.03	0.08	< 0.05
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	< 0.01	< 0.01
Manganese (Total)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	< 5	< 5
Tetrachloroethene	ug/l	5	7	7	6	<5	6	< 5	< 5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	< 5	< 5
Trichloroethene	ug/l	5	14	12	8	11	11	8	6
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	< 5	< 5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	< 2	< 2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

		Cleanup							
Parameter	Units	Level ⁽¹⁾	07/16/03	10/16/03	01/21/04	04/14/04	07/13/04	10/12/04	01/11/05
1,1,1-Trichloroethane	ug/l	200	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	16	25	11	14.1	12.3	9.4	10.1
1,1-Dichloroethene	ug/l	7	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	9	14	7	7.8	7.9	5.4	6
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.02
Iron (Total)	mg/l	--	0.2	0.06	< 0.05	< 0.05	0.15	0.07	< 0.05
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.010	< 0.01	< 0.010	< 0.01
Methylene Chloride	ug/l	5	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5	7	< 5	5.1	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	10	16	7	9.6	9	5.5	6.5
Trichloromethane (Chloroform)	ug/l	100	< 5	< 5	< 5	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2	< 2	< 2	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

		Cleanup							
Parameter	Units	Level ⁽¹⁾	04/12/05	07/13/05	10/04/05	01/17/06	04/11/06	07/18/06	01/16/07
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	< 5.0	11.9	17.1	10.4	11.5	9.7	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	8	8.4	5.9	7.1	5.4	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	0.21	< 0.05	< 0.05	< 0.05	0.2	0.05	< 0.05
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	10.4	13.8	7.6	9.5	5.2	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Parameter	Units	Cleanup Level ⁽¹⁾	04/03/07	07/17/07	07/30/07	10/17/07	01/15/08	04/15/08
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	8	6.7	< 5.0	8.4	11.2	8.4
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	6	7.2	5.5
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	0.19	< 0.05	NA	0.17	0.19	0.11
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01
Manganese (Total)	mg/l	--	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	6.9	< 5.0	< 5.0	9.3	7.9	6.7
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	NA	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

** Sampled during temporary shutdown of groundwater pumping wells.

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Parameter	Units	Cleanup Level ⁽¹⁾	MW-1							
			01/16/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/13/99
1,1,1-Trichloroethane	ug/l	200	9	9	12	11	8	8	8	9
1,1-Dichloroethane	ug/l	27	15	14	19	15	16	17	16	17
1,1-Dichloroethene	ug/l	7	2	2	2	2	2	<5	<5	<5
1,2-Dichloroethane	ug/l	5	2	2	3	2	2	--	--	--
1,2-Dichloropropane	ug/l	5	2	2	3	2	2	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	1	1	0.9	1	1	<5	<5	<5
Benzene	ug/l	5	1	1	2	1	1	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<0.5	<0.5	0.6	<1	<0.5	<5	<5	<5
Chlorobenzene	ug/l	100	2	1	2	2	2	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	4	4	6	5	4	5	<5	<5
Iron (Dissolved)	mg/l	--	0.48	0.38	0.34	0.11	0.50	0.72	0.47	1.00
Iron (Total)	mg/l	--	5.25	8.03	11.10	23.30	9.71	11.60	2.70	6.18
Manganese (Dissolved)	mg/l	--	0.18	0.27	0.21	0.35	0.23	0.20	0.21	0.25
Manganese (Total)	mg/l	--	0.33	0.50	0.55	2.36	0.47	0.41	0.30	0.38
Methylene Chloride	ug/l	5	2	2	3	3	2	<5	<5	<5
Tetrachloroethene	ug/l	5	17	16	24	17	17	18	18	16
trans 1,2-Dichloroethene	ug/l	100	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
Trichloroethene	ug/l	5	4	4	6	5	5	5	5	5
Trichloromethane (Chloroform)	ug/l	100	3	3	4	4	3	<5	<5	<5
Vinyl Chloride	ug/l	2	2	2	3	2	2	3	2	2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

		Cleanup								
Parameter	Units	Level ⁽¹⁾	01/19/00	04/12/00	07/25/00	10/11/00	01/17/01	04/18/01	07/25/01	10/17/01
1,1,1-Trichloroethane	ug/l	200	8	10	10	9	8	6	7	8
1,1-Dichloroethane	ug/l	27	18	19	14	16	15	14	13	16
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	--	--	--	--
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<5	5	5	5	<5	6
Iron (Dissolved)	mg/l	--	0.61	0.34	1.00	1.07	0.83	1.07	0.81	1.09
Iron (Total)	mg/l	--	3.76	1.76	5.92	10.40	3.66	3.22	2.76	3.44
Manganese (Dissolved)	mg/l	--	0.16	0.13	0.21	0.14	0.15	0.13	0.15	0.14
Manganese (Total)	mg/l	--	0.23	0.19	0.30	0.21	0.21	0.16	0.19	0.19
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	17	18	17	17	17	17	17	18
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<5	6	5	6	6	5	5	6
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	2	2	<2	3	2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

		Cleanup								
Parameter	Units	Level ⁽¹⁾	02/06/02	04/17/02	07/17/02	10/09/02	01/15/03	04/16/03	07/15/03	10/15/03
1,1,1-Trichloroethane	ug/l	200	7	7	7	6	7	8	9	7
1,1-Dichloroethane	ug/l	27	16	13	16	13	16	16	22	15
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	<5	<5	<5	<5
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<5	<5	5	6	6	5
Iron (Dissolved)	mg/l	--	3.01	0.82	0.98	1.19	0.56	0.69	0.44	< 0.05
Iron (Total)	mg/l	--	35.60	9.81	3.80	5.59	5.01	8.28	5.5	21.4
Manganese (Dissolved)	mg/l	--	0.38	0.33	0.31	0.41	0.21	0.18	0.23	0.64
Manganese (Total)	mg/l	--	0.71	0.59	0.37	0.54	0.36	0.39	0.46	2.32
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	15	15	16	16	17	19	17	16
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	6	<5	5	<5	5	6	5	5
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	2	<2	2	<2	2	2	2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

		Cleanup								
Parameter	Units	Level ⁽¹⁾	01/21/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05	07/12/05	10/04/05
1,1,1-Trichloroethane	ug/l	200	7	6.9	7.1	6.5	7	7.4	6.4	6.8
1,1-Dichloroethane	ug/l	27	15	17	16	14.7	15.4	16.8	16.8	18.2
1,1-Dichloroethene	ug/l	7	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	0.73	0.42	0.86	0.63	0.89	0.6	1.01
Iron (Total)	mg/l	--	24.1	5.68	5.07	10.3	4.41	4.69	5.17	2.51
Manganese (Dissolved)	mg/l	--	0.66	0.36	0.36	0.23	0.15	0.21	0.31	0.22
Manganese (Total)	mg/l	--	2.38	0.506	0.48	0.286	0.17	0.23	0.41	0.25
Methylene Chloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	16	17.6	16.5	15.8	17.2	16.4	15.3	16.4
trans 1,2-Dichloroethene	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5	5.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

		Cleanup								**
Parameter	Units	Level ⁽¹⁾	01/17/06	04/11/06	07/18/06	10/10/06	01/16/07	04/03/07	07/17/07	07/31/07
1,1,1-Trichloroethane	ug/l	200	7.1	6	7.1	6.9	6.7	6.5	6.1	4.4
1,1-Dichloroethane	ug/l	27	17.6	15.2	16.4	15.1	12.8	14.7	13.5	13.5
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	1.18	1.15	0.83	4.32	0.72	0.86	0.85	NA
Iron (Total)	mg/l	--	8.22	5.06	1.98	8.85	12.3	13.4	1.72	NA
Manganese (Dissolved)	mg/l	--	0.2	0.19	0.3	0.23	0.38	0.2	0.16	NA
Manganese (Total)	mg/l	--	0.26	0.21	0.34	0.25	0.6	0.33	0.18	NA
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	16.4	16.8	16.3	15	16.8	17	15.1	7.8
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	6.3
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	2.4	< 2.0	< 2.0	< 2.0

** Sampled during temporary shutdown of groundwater pumping wells.

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Parameter	Units	Cleanup Level ⁽¹⁾	10/17/07	01/15/08	04/15/08
1,1,1-Trichloroethane	ug/l	200	6.5	6.9	6
1,1-Dichloroethane	ug/l	27	14.7	18.2	15.8
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	0.94	1.52	1.48
Iron (Total)	mg/l	--	7.72	3.44	3.77
Manganese (Dissolved)	mg/l	--	0.19	0.18	0.16
Manganese (Total)	mg/l	--	0.22	0.2	0.18
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	10.1	18.4	16.4
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	5.2*	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	MW-2							
			01/16/98	04/16/98	07/15/98	10/08/98	01/14/99	04/29/99	07/14/99	10/14/99
1,1,1-Trichloroethane	ug/l	200	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
1,1-Dichloroethane	ug/l	27	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
1,1-Dichloroethene	ug/l	7	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	0.5	<0.5	0.6	2	0.8	--	--	--
1,2-Dichloropropane	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
Benzene	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
Chlorobenzene	ug/l	100	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
Iron (Dissolved)	mg/l	--	0.23	0.17	0.17	0.09	<0.05	0.13	<0.05	<0.03
Iron (Total)	mg/l	--	0.44	0.43	0.64	0.22	0.1	0.31	0.4	0.1
Manganese (Dissolved)	mg/l	--	0.05	0.04	0.02	<0.01	0.02	0.03	0.01	0.05
Manganese (Total)	mg/l	--	0.05	0.04	0.05	<0.01	0.03	0.04	0.02	0.05
Methylene Chloride	ug/l	5	<0.5	<0.5	<0.5	1	<0.5	<5	<5	<5
Tetrachloroethene	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
Trichloroethene	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	100	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5
Vinyl Chloride	ug/l	2	<0.5	<0.5	<0.5	<1	<0.5	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	MW-2							
			01/19/00	04/12/00	07/25/00	10/12/00	01/17/01	04/19/01	07/26/01	10/18/01
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	27	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	--	--	--	--
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<5	<5	<5	<5	<5	<5
Iron (Dissolved)	mg/l	--	0.05	<0.03	<0.03	0.06	<0.03	<0.03	<0.03	0.08
Iron (Total)	mg/l	--	1.03	0.09	0.15	0.12	0.03	0.12	0.03	0.09
Manganese (Dissolved)	mg/l	--	0.02	0.02	0.01	0.01	<0.01	0.02	0.24	0.01
Manganese (Total)	mg/l	--	0.08	0.02	0.02	0.02	<0.01	0.02	0.25	0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾								
			02/07/02	04/17/02	07/18/02	10/10/02	01/15/03	04/16/03	07/16/03	10/15/03
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	ug/l	27	<5	<5	<5	<5	< 5	< 5	< 5	< 5
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	< 5	< 5	< 5	< 5
1,2-Dichloroethane	ug/l	5	--	--	--	--	< 5	< 5	< 5	< 5
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	< 5	< 5	< 5	< 5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	< 5	< 5	< 5	< 5
Benzene	ug/l	5	<5	<5	<5	<5	< 5	< 5	< 5	< 5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	< 5	< 5	< 5	< 5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	< 5	< 5	< 5	< 5
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<5	<5	< 5	< 5	< 5	< 5
Iron (Dissolved)	mg/l	--	<0.03	0.03	<0.03	0.13	< 0.05	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	<0.03	0.18	0.18	0.15	0.18	0.14	0.08	0.48
Manganese (Dissolved)	mg/l	--	0.03	0.05	0.87	0.58	0.03	0.01	0.04	0.04
Manganese (Total)	mg/l	--	0.03	0.06	0.89	0.58	0.04	0.02	0.03	0.06
Methylene Chloride	ug/l	5	<5	<5	<5	<5	< 5	< 5	< 5	< 5
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	< 5	< 5	< 5	< 5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	< 5	< 5	< 5	< 5
Trichloroethene	ug/l	5	<5	<5	<5	<5	< 5	< 5	< 5	< 5
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	< 5	< 5	< 5	< 5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	< 2	< 2	< 2	< 2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	01/22/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05	07/13/05
1,1,1-Trichloroethane	ug/l	200	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	0.08	< 0.02	< 0.05	< 0.05
Iron (Total)	mg/l	--	0.47	0.14	0.15	0.1	0.57	0.14	0.17
Manganese (Dissolved)	mg/l	--	< 0.01	0.02	0.03	0.12	0.03	< 0.01	0.41
Manganese (Total)	mg/l	--	0.05	0.03	0.04	0.132	0.19	0.01	0.44
Methylene Chloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level⁽¹⁾						
			10/04/05	01/17/06	04/11/06	07/19/06	10/10/06	01/16/07
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
1,1-Dichloroethane	ug/l	27	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05
Iron (Total)	mg/l	--	0.19	0.12	0.09	< 0.05	0.17	< 0.05
Manganese (Dissolved)	mg/l	--	0.16	0.04	0.11	0.16	0.88	0.16
Manganese (Total)	mg/l	--	0.2	0.04	0.11	0.17	0.91	0.17
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0		< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup	07/17/07	10/17/07	01/15/08	04/15/08
			Level⁽¹⁾			
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	0.05	< 0.05	0.14	0.14
Manganese (Dissolved)	mg/l	--	0.66	1.14	0.5	0.07
Manganese (Total)	mg/l	--	0.65	1.14	0.48	0.08
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Parameter	Units	Cleanup Level ⁽¹⁾	MW-9								
			01/15/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/13/99	01/17/00	04/12/00
1,1,1-Trichloroethane	ug/l	200	8	9	9	6	6	5	5	<5	6
1,1-Dichloroethane	ug/l	27	21	25	20	20	22	18	19	13	20
1,1-Dichloroethene	ug/l	7	4	5	4	3	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	1	1	1	1	--	--	--	--	--
1,2-Dichloropropane	ug/l	5	1	1	1	1	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	1	1	1	1	<5	<5	<5	<5	<5
Benzene	ug/l	5	1	1	1	1	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	1	1	1	1	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	41	59	65	43	50	36	32	12	38
cis 1,2-Dichloroethene	ug/l	70	6	9	8	6	8	7	7	6	8
Iron (Dissolved)	mg/l	--	0.33	0.32	0.82	0.57	<0.05	<0.05	0.09	<0.03	0.05
Iron (Total)	mg/l	--	1.19	7.96	14.4	31.5	0.06	<0.05	0.1	0.03	0.11
Manganese (Dissolved)	mg/l	--	3.31	3.36	3.23	3.04	3.32	2.97	2.67	1.63	2.64
Manganese (Total)	mg/l	--	3.47	3.46	3.34	3.19	3.35	3.01	2.78	1.66	2.68
Methylene Chloride	ug/l	5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	4	5	4	4	5	5	6	<5	7
trans 1,2-Dichloroethene	ug/l	100	<1	<1	<1	<1	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	13	18	15	12	14	12	12	9	12
Trichloromethane (Chloroform)	ug/l	100	1	2	1	1	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	1	1	<1	1	<2	<2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Parameter	Units	Cleanup	07/25/00	10/11/00	04/18/01	07/25/01	10/17/01	02/06/02	04/17/02
		(¹)							
1,1,1-Trichloroethane	ug/l	200	5	<5	<5	<5	5	<5	<5
1,1-Dichloroethane	ug/l	27	15	16	20	15	15	12	9
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	--	--	--
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	37	24	29	25	32	15	10
cis 1,2-Dichloroethene	ug/l	70	7	7	7	7	7	6	<5
Iron (Dissolved)	mg/l	--	0.06	<0.03	<0.03	0.03	<0.03	<0.03	<0.03
Iron (Total)	mg/l	--	0.25	0.06	<0.03	0.04	0.08	<0.03	<0.03
Manganese (Dissolved)	mg/l	--	2.35	2.04	2.11	2.08	1.92	1.61	1.51
Manganese (Total)	mg/l	--	2.37	2.08	2.13	2.07	2.01	1.78	1.53
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	5	<5	7	7	<5	8	6
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	12	11	11	10	11	8	5
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

		Cleanup								
Parameter	Units	Level ⁽¹⁾	07/18/02	10/31/02	01/15/03	04/16/03	07/16/03	10/16/03	01/21/04	04/14/04
1,1,1-Trichloroethane	ug/l	200	<5	<5	< 5	< 5	< 5	< 5	6	< 5.0
1,1-Dichloroethane	ug/l	27	14	9	12	15	18	< 5	15	< 5.0
1,1-Dichloroethene	ug/l	7	<5	<5	< 5	< 5	< 5	< 5	< 5	< 5.0
1,2-Dichloroethane	ug/l	5	--	--	< 5	< 5	< 5	< 5	< 5	< 5.0
1,2-Dichloropropane	ug/l	5	<5	<5	< 5	< 5	< 5	< 5	< 5	< 5.0
1,4-Dichlorobenzene	ug/l	75	<5	<5	< 5	< 5	< 5	< 5	< 5	< 5.0
Benzene	ug/l	5	<5	<5	< 5	< 5	< 5	< 5	< 5	< 5.0
Carbon Tetrachloride	ug/l	5	<5	<5	< 5	< 5	< 5	< 5	< 5	< 5.0
Chlorobenzene	ug/l	100	17	7	13	17	21	< 5	26	< 5.0
cis 1,2-Dichloroethene	ug/l	70	6	<5	5	7	8	< 5	5	< 5.0
Iron (Dissolved)	mg/l	--	<0.03	<0.03	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	<0.03	<0.03	< 0.05	< 0.05	0.1	0.56	0.23	0.85
Manganese (Dissolved)	mg/l	--	1.74	1.21	1.15	1.48	1.43	0.19	2.37	0.26
Manganese (Total)	mg/l	--	1.74	1.2	1.16	1.48	1.46	0.27	2.38	0.407
Methylene Chloride	ug/l	5	<5	<5	< 5	< 5	< 5	< 5	< 5	< 5.0
Tetrachloroethene	ug/l	5	6	7	6	7	< 5	< 5	< 5	< 5.0
trans 1,2-Dichloroethene	ug/l	100	<5	<5	< 5	< 5	< 5	< 5	< 5	< 5.0
Trichloroethene	ug/l	5	8	5	7	9	11	< 5	13	< 5.0
Trichloromethane (Chloroform)	ug/l	100	<5	<5	< 5	< 5	< 5	< 5	< 5	< 5.0
Vinyl Chloride	ug/l	2	<2	<2	< 2	< 2	< 2	< 2	< 2	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

		Cleanup								
Parameter	Units	Level ⁽¹⁾	07/13/04	10/12/04	01/11/05	04/12/05	07/13/05	10/04/05	01/17/06	04/11/06
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	< 5.0	11.6	7.4	9.6	10.7	12.6	9.4	8.9
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	28	12.4	21.8	25	23.5	12.8	17.9
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	0.03	< 0.05	0.21	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	3.52	0.07	< 0.05	0.07	< 0.05	< 0.05	< 0.05	0.11
Manganese (Dissolved)	mg/l	--	< 0.01	2.02	1.13	1.95	2.53	2.57	1.78	2.04
Manganese (Total)	mg/l	--	0.31	2.08	1.16	1.98	2.16	2.44	1.72	2.1
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	10.6	7.5	9.9	10.6	10.4	8	9.3
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

		Cleanup						**			
Parameter	Units	Level ⁽¹⁾	07/18/06	10/10/06	01/16/07	04/03/07	07/17/07	07/30/07	10/17/07	01/15/08	04/15/08
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	10.4	8.6	8.5	7.6	8	5.9	8.3	11.3	9.2
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	24.9	10.9	16.2	12.4	13	6	9.7	12	15.4
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	< 0.05	0.1	0.52	0.43	0.1	NA	0.13	1.02	0.1
Manganese (Dissolved)	mg/l	--	2.28	2.25	2.57	1.75	2.42	NA	2.16	2.23	2.19
Manganese (Total)	mg/l	--	2.27	2.34	2.87	2.45	2.47	NA	2.23	3.79	2.35
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	11.2	9.3	9.7	8.3	9.5	6.9	10.2	8.5	10.4
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

** Sampled during temporary shutdown of groundwater pumping wells.

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup Level ⁽¹⁾								
			01/15/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/14/99
1,1,1-Trichloroethane	ug/l	200	3	3	4	4	3	<5	<5	<5
1,1-Dichloroethane	ug/l	27	15	14	18	15	15	20	15	14
1,1-Dichloroethene	ug/l	7	1	1	1	1	1	<5	<5	<5
1,2-Dichloroethane	ug/l	5	1	1	1	<1	1	--	--	--
1,2-Dichloropropane	ug/l	5	1	1	2	1	1	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<1	<1	<1	<1	<1	<5	<5	<5
Benzene	ug/l	5	<1	<1	<1	<1	<1	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<1	<1	<1	<1	<1	<5	<5	<5
Chlorobenzene	ug/l	100	<1	<1	<1	<1	<1	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	14	15	21	18	14	19	15	14
Iron (Dissolved)	mg/l	--	<0	<0	<0	0	<0	0	<0	<0
Iron (Total)	mg/l	--	0	1	1	0	<0	0	0	0
Manganese (Dissolved)	mg/l	--	<0	<0	<0	<0	<0	<0	<0	<0
Manganese (Total)	mg/l	--	<0	<0	0	<0	<0	0	<0	<0
Methylene Chloride	ug/l	5	1	2	<1	<1	<1	<5	<5	<5
Tetrachloroethene	ug/l	5	3	3	4	3	3	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<1	<1	<1	<1	<1	<5	<5	<5
Trichloroethene	ug/l	5	7	7	9	7	7	10	8	7
Trichloromethane (Chloroform)	ug/l	100	<1	<1	<1	<1	<1	<5	<5	<5
Vinyl Chloride	ug/l	2	1	1	<1	<1	<1	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

		Cleanup								
Parameter	Units	Level ⁽¹⁾	01/19/00	04/12/00	07/25/00	10/12/00	01/17/01	04/18/01	07/26/01	10/17/01
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	27	15	12	11	11	12	9	11	13
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	--	--	--	--
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	14	12	14	12	13	11	11	14
Iron (Dissolved)	mg/l	--	<0	0	<0	<0	<0	0	<0	<0
Iron (Total)	mg/l	--	0	0	<0	0	<0	0	0	0
Manganese (Dissolved)	mg/l	--	<0	<0	<0	<0	<0	<0	<0	<0
Manganese (Total)	mg/l	--	<0	<0	<0	<0	<0	<0	<0	0
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	7	6	8	6	7	6	6	8
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup								
			02/06/02	04/17/02	07/17/02	10/09/02	01/15/03	04/16/03	07/15/03	10/15/03
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	27	10	9	9	9	11	11	15	15
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	--	--	--	--	<5	<5	<5	<5
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	11	9	9	9	12	11	14	14
Iron (Dissolved)	mg/l	--	<0	<0	<0	<0	<0.05	<0.05	<0.05	<0.05
Iron (Total)	mg/l	--	<0	0	0	<0	<0.05	<0.05	<0.05	0.13
Manganese (Dissolved)	mg/l	--	<0	<0	<0	<0	<0.01	<0.01	<0.01	<0.01
Manganese (Total)	mg/l	--	<0	<0	<0	<0	<0.01	<0.01	<0.01	<0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	5	<5	<5	5	6	7	6	8
Trichloromethane (Chloroform)	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2	<2

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup								
			01/21/04	04/15/04	07/13/04	10/12/04	01/12/05	04/13/05	07/13/05	10/05/05
1,1,1-Trichloroethane	ug/l	200	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	1.9	< 5.0
1,1-Dichloroethane	ug/l	27	14	16	13.6	11.9	13.7	14.5	12.2	11.2
1,1-Dichloroethene	ug/l	7	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
Benzene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
Chlorobenzene	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	13	15.7	14	12.1	14.1	15.2	12.3	14.7
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	0.06	< 0.05	0.07	0.07	< 0.05	0.06	0.08	0.1
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Total)	mg/l	--	< 0.01	< 0.010	< 0.01	0.011	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
Tetrachloroethene	ug/l	5	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	3.5	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
Trichloroethene	ug/l	5	8	8.9	7.2	5.7	7.8	7.3	6.2	6.8
Trichloromethane (Chloroform)	ug/l	100	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0
Vinyl Chloride	ug/l	2	< 2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup									**
			01/18/06	04/12/06	07/19/06	10/11/06	01/17/07	04/04/07	07/18/07	07/31/07	
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	<5.0
1,1-Dichloroethane	ug/l	27	11.9	10.7	10.1	10.4	9.3	10.9	7.1	7.7	
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	11	10.8	10.5	10.3	10.6	~	10.7	< 5.0	8.5
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA
Iron (Total)	mg/l	--	< 0.05	< 0.05	0.07	0.06	0.06	< 0.05	0.09	0.09	NA
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01	0.01	NA
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	5.1	5.1	5	5.1	< 5.0	< 5.0	< 5.0	< 5.0	5.1
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

** Sampled during temporary shutdown of groundwater pumping wells.

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

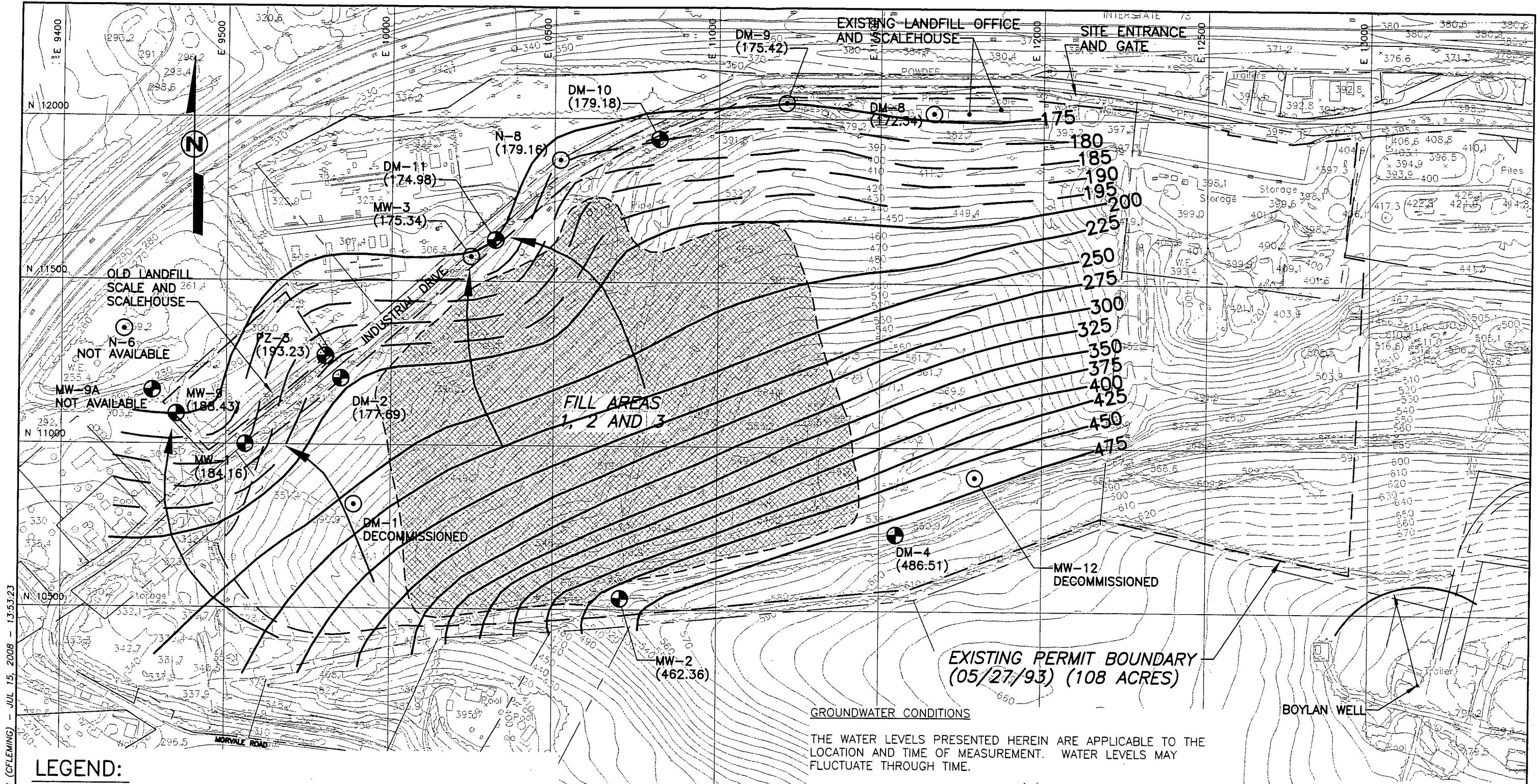
PZ-3

Parameter	Units	Cleanup	10/17/07	01/16/08	04/16/08
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	27	8.5	9	7.8
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	8.9	9	8.1
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05
Iron (Total)	mg/l	--	0.08	< 0.05	< 0.05
Manganese (Dissolved)	mg/l	--	< 0.01	0.01	0.02
Manganese (Total)	mg/l	--	< 0.01	0.01	0.02
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	100	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0

⁽¹⁾ Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.



FIGURES



LEGEND:

- 25 FEET GROUNDWATER CONTOURS
- 5 FEET GROUNDWATER CONTOURS
- GROUNDWATER FLOW DIRECTION
- APPROXIMATE PROPERTY LINE
- EXISTING PERMIT BOUNDARY-108 ACRES (BONDED AREA LIMITS)

REFERENCE:

1. TOPOGRAPHY PREPARED BY L. ROBERT KIMBALL AND ASSOCIATES, INC., COMPILED BY STEREOPHOTOGRAMMETRIC METHODS UPDATED 01/12/06.
2. AGES DRAWING NO. 47072-E-114 REV. 6, DATED 11/01/90 AND ALMES DRAWING NO. PA43-P83, SUBMITTED JUNE 1991.

DM-2
(177.69)

EXISTING ABATEMENT ZONE GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL. MW-9, DM-2, AND DM-11 ARE PUMPED WELLS AND WERE NOT CONSIDERED DURING PREPARATION OF GROUNDWATER CONTOURS.

DM-9
(175.42)

EXISTING NON-ABATEMENT ZONE MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL

EXISTING LANDFILL OFFICE AND SCALEHOUSE

SITE ENTRANCE AND GATE

INTERSTATE 70

POWDER

Pipes

Shore

Water

PPY

Trailers

Sign

Storage

175

180

185

190

195

200

225

250

275

300

325

350

375

400

425

450

475

EXISTING PERMIT BOUNDARY
(05/27/93) (108 ACRES)

GROUNDWATER CONDITIONS

THE WATER LEVELS PRESENTED HEREIN ARE APPLICABLE TO THE LOCATION AND TIME OF MEASUREMENT. WATER LEVELS MAY FLUCTUATE THROUGH TIME.

POTENTIOMETRIC CONTOURS GENERATED FROM THIS DATA ARE CONSTRUCTED BY INTERPOLATION BETWEEN POINTS OF KNOWN STATIC WATER LEVEL ELEVATIONS AND USING KNOWLEDGE OF SPECIFIC SITE CONDITIONS. ACTUAL STATIC WATER LEVELS AT LOCATIONS BETWEEN THE MONITORING POINTS MAY DIFFER FROM THOSE DEPICTED.

SCALE
300 0 300 FEET



Civil & Environmental Consultants, Inc.

EXPORT, PA PITTSBURGH, PA

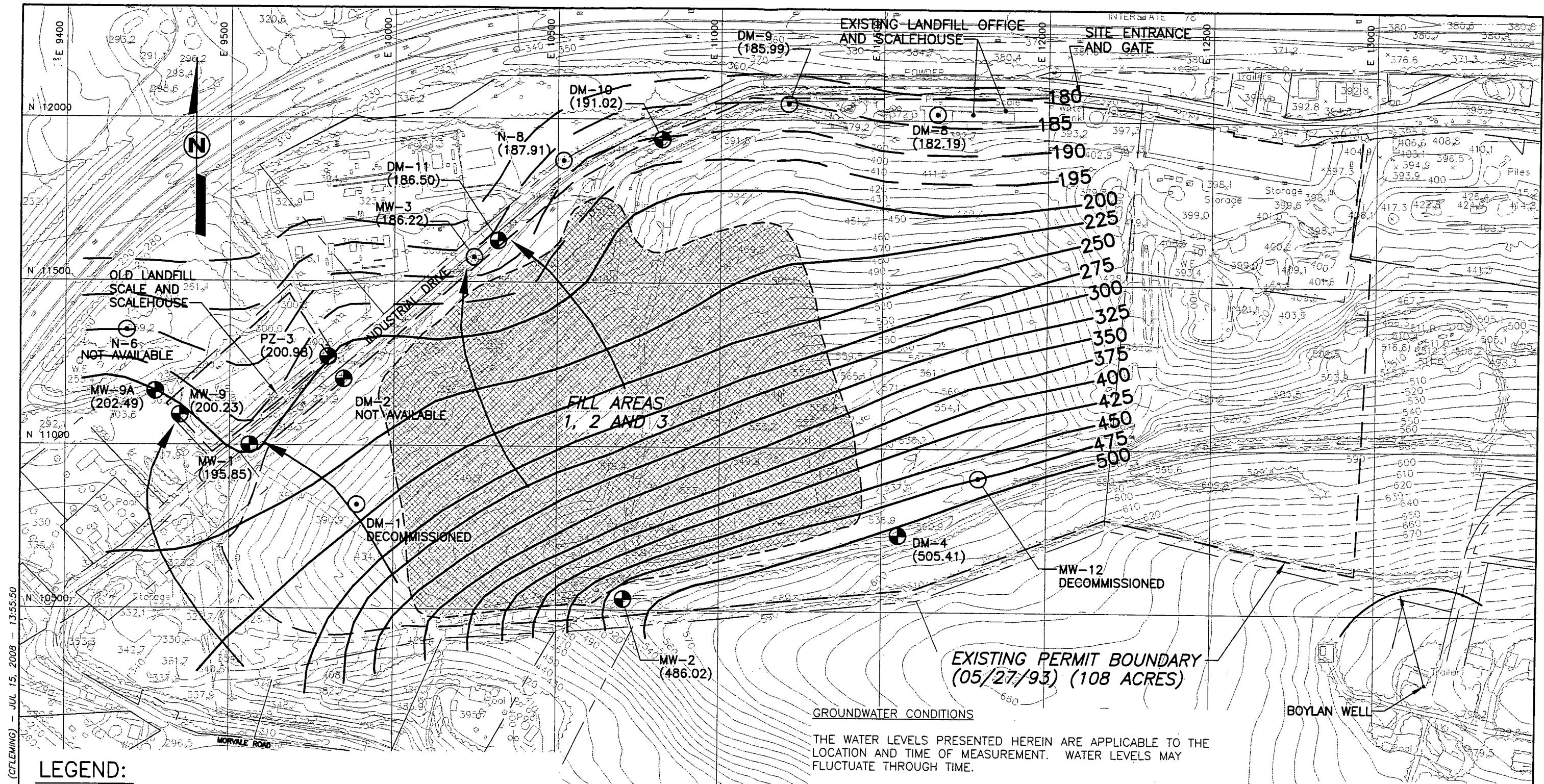
(724) 327-5200 • (412) 429-2324

Cincinnati, OH • Columbus, OH • Indianapolis, IN • Nashville, TN

DWN. BY: JHG	SCALE: AS SHOWN	DATE: 11/16/06
CHKD. BY: RCD		

POTENTIOMETRIC CONTOUR MAP
LOW WATER TABLE CONDITIONS
OCTOBER 4, 2005
CHRIN BROTHERS SANITARY LANDFILL

PROJECT NO: 061-869	FIGURE NO. 1
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DM-11
(186.50)

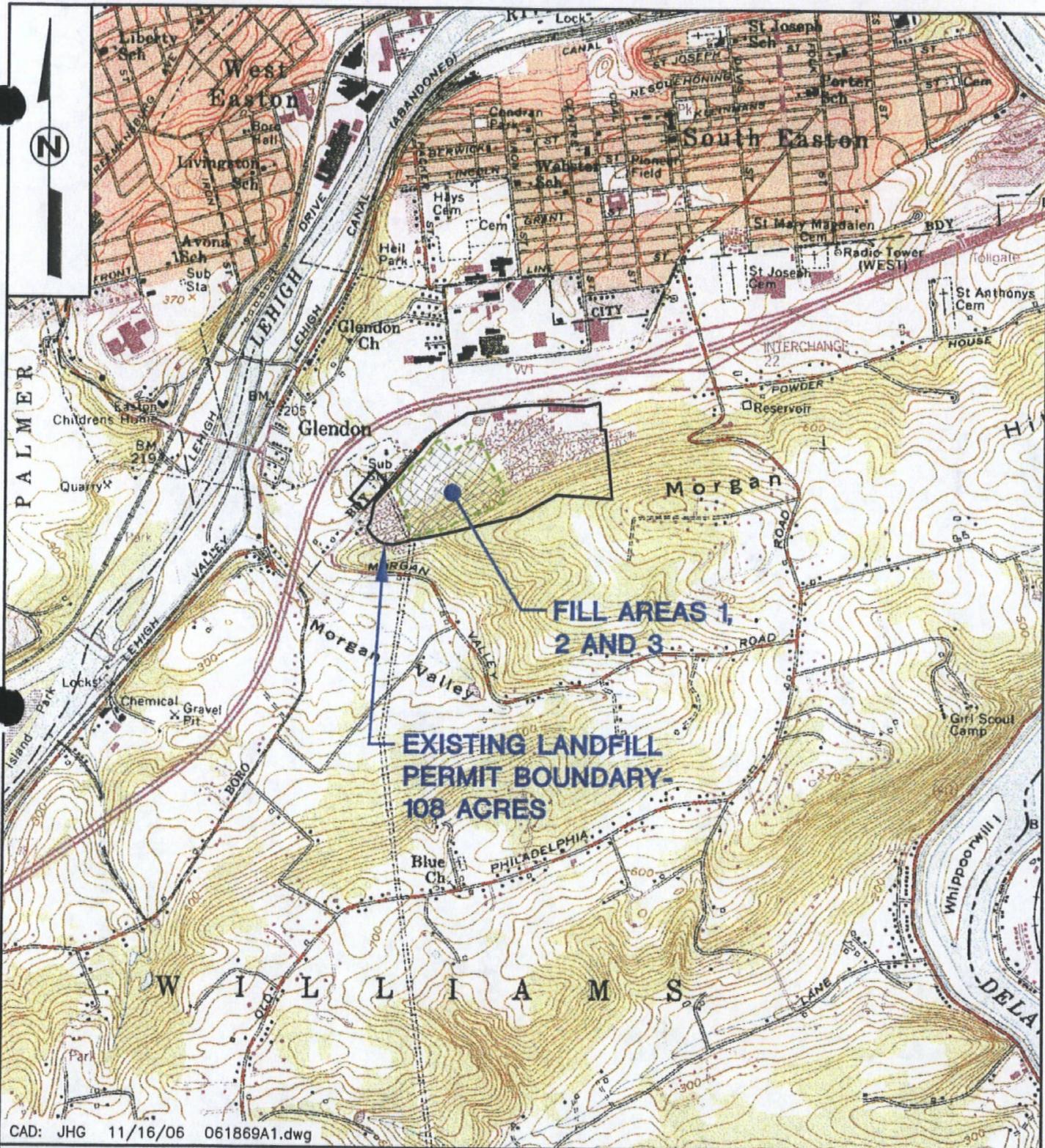
EXISTING ABATEMENT ZONE GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL. MW-9, DM-2, AND DM-11 ARE PUMPED WELLS AND WERE NOT CONSIDERED DURING PREPARATION OF GROUNDWATER CONTOURS.

MW-3
(186.22)

EXISTING NON-ABATEMENT ZONE MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL

SCALE
300 0 300 FEET

 Civil & Environmental Consultants, Inc. EXPORT, PA PITTSBURGH, PA (724) 327-5200 • (412) 429-2324 Cincinnati, OH • Columbus, OH • Indianapolis, IN • Nashville, TN			POTENTIOMETRIC CONTOUR MAP HIGH WATER TABLE CONDITIONS APRIL 4, 2005 CHRIN BROTHERS SANITARY LANDFILL	
DWN BY: JHG	SCALE: AS SHOWN	DATE: 11/16/06	PROJECT NO: 061-869	FIGURE NO. 2
CHKD. BY: RJD				



REFERENCE

U.S.G.S. 7.5 MINUTE TOPOGRAPHIC QUADRANGLE MAP OF EASTON, NJ-PA, DATED 1956, REVISED 1994.

SCALE

2000 0 2000 FT.



Civil & Environmental Consultants, Inc.

EXPORT, PA PITTSBURGH, PA

(724) 327-5200 • (412) 429-2324

Cincinnati, OH • Columbus, OH • Indianapolis, IN • Nashville, TN

DWN. BY: JHG

SCALE:

DATE:

11/16/06

CHKD. BY: RCD

AS SHOWN

U.S.G.S. SITE LOCATION MAP
CHRIN SANITARY LANDFILL
CHRIN BROTHERS, INC.
NORTHAMPTON COUNTY, PA

PROJECT NO.:

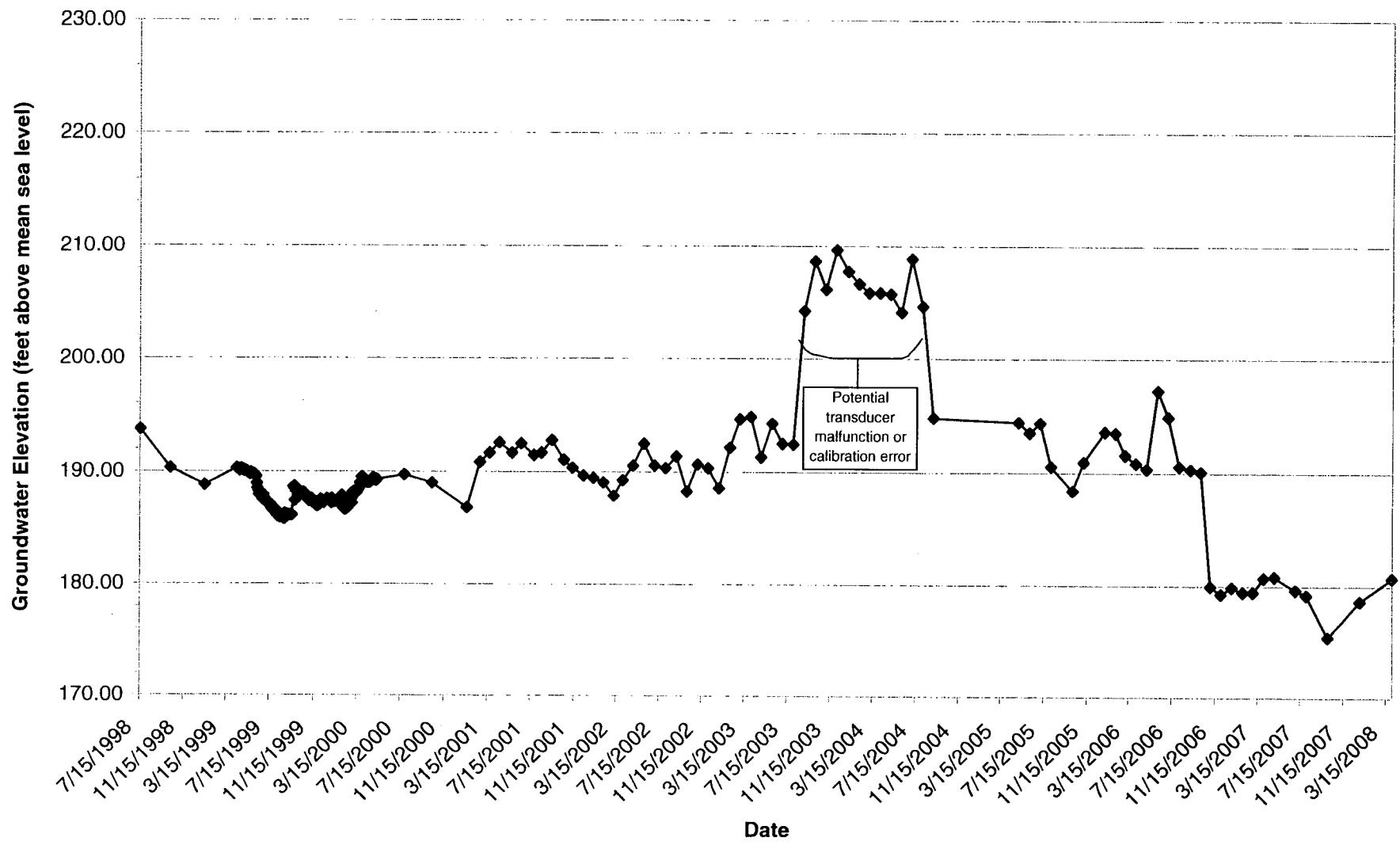
061-869

FIGURE NO. 3

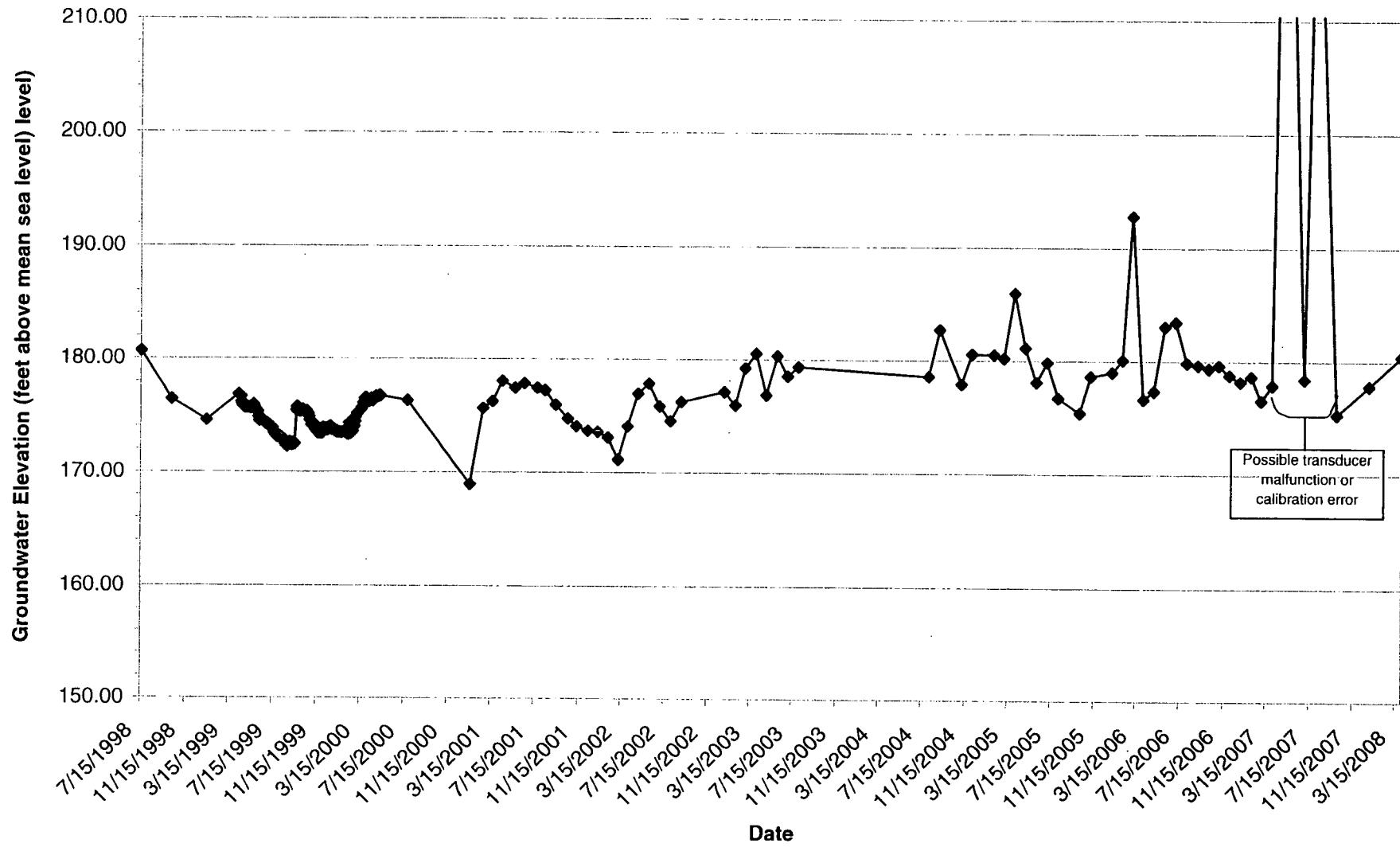


APPENDIX A
HYDROGRAPHS

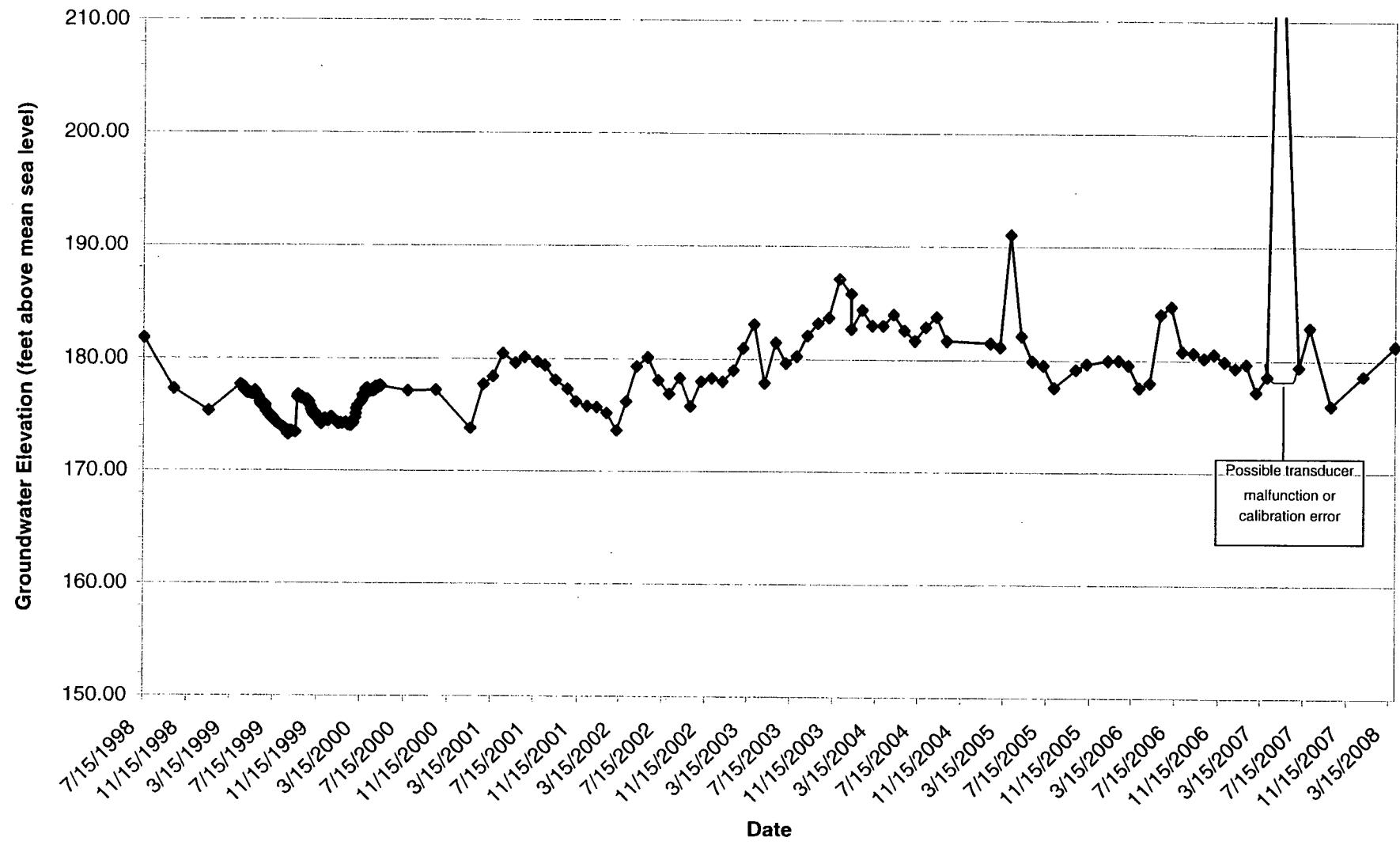
DM-2 Hydrograph



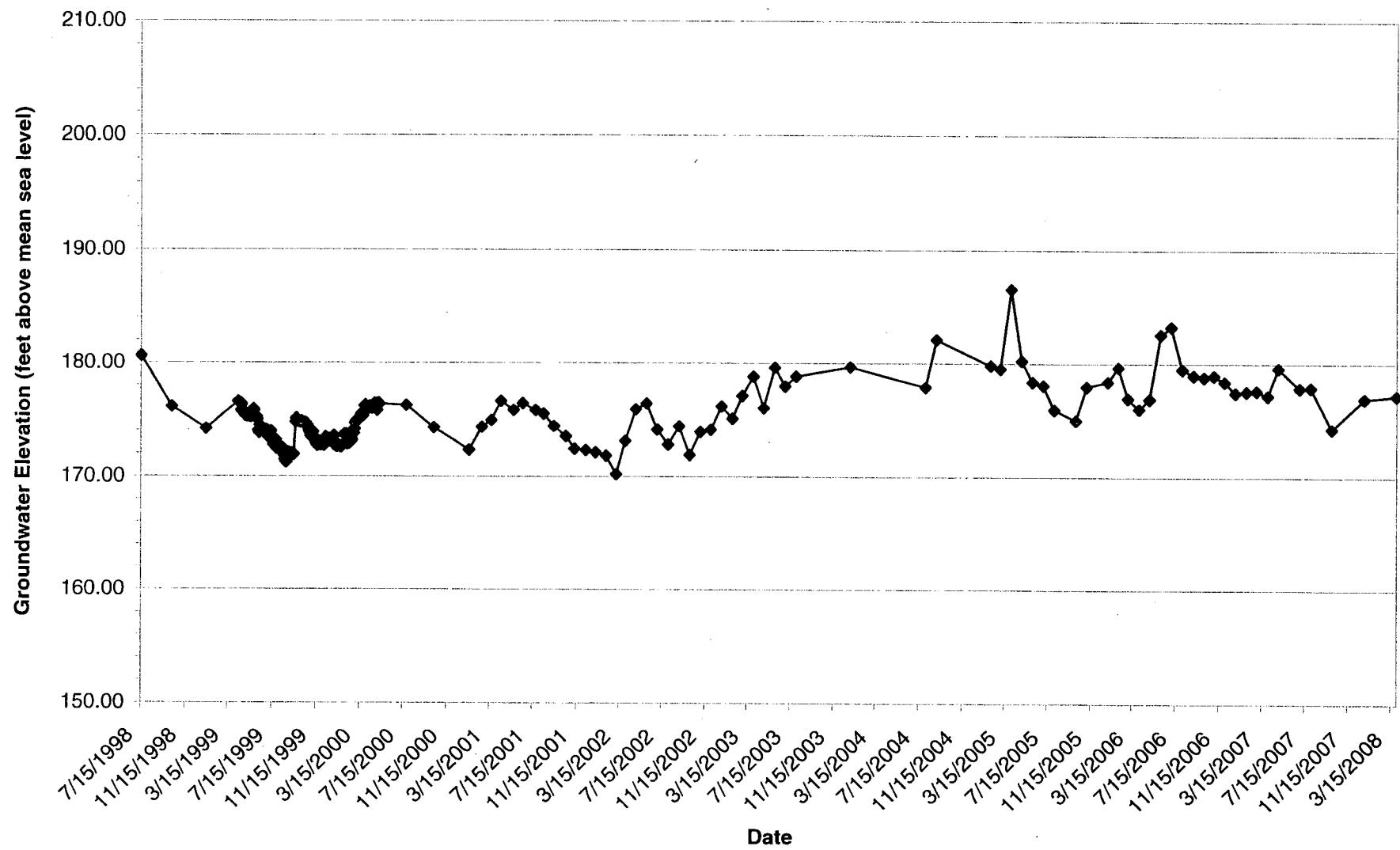
DM-9 Hydrograph



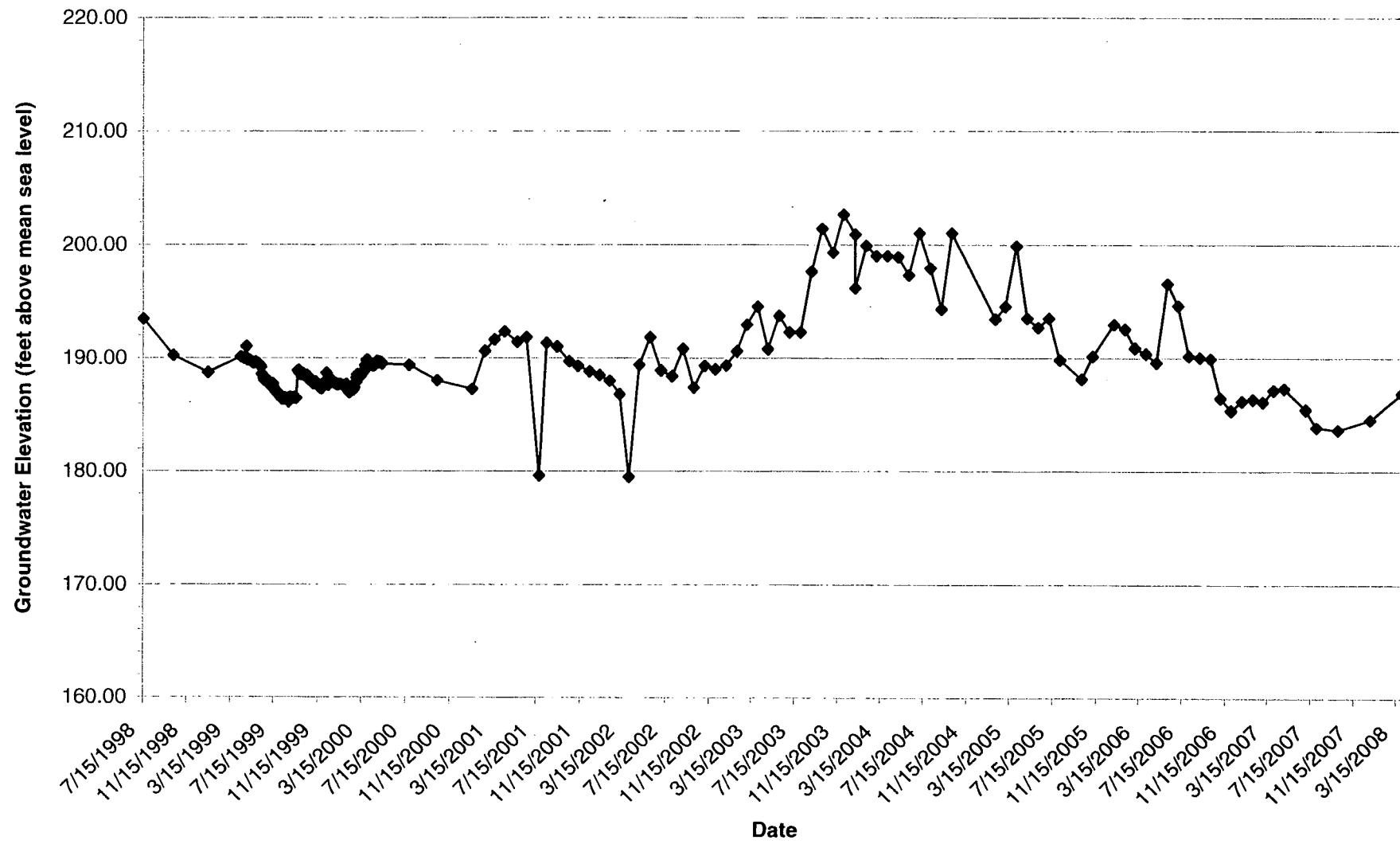
DM-10 Hydrograph



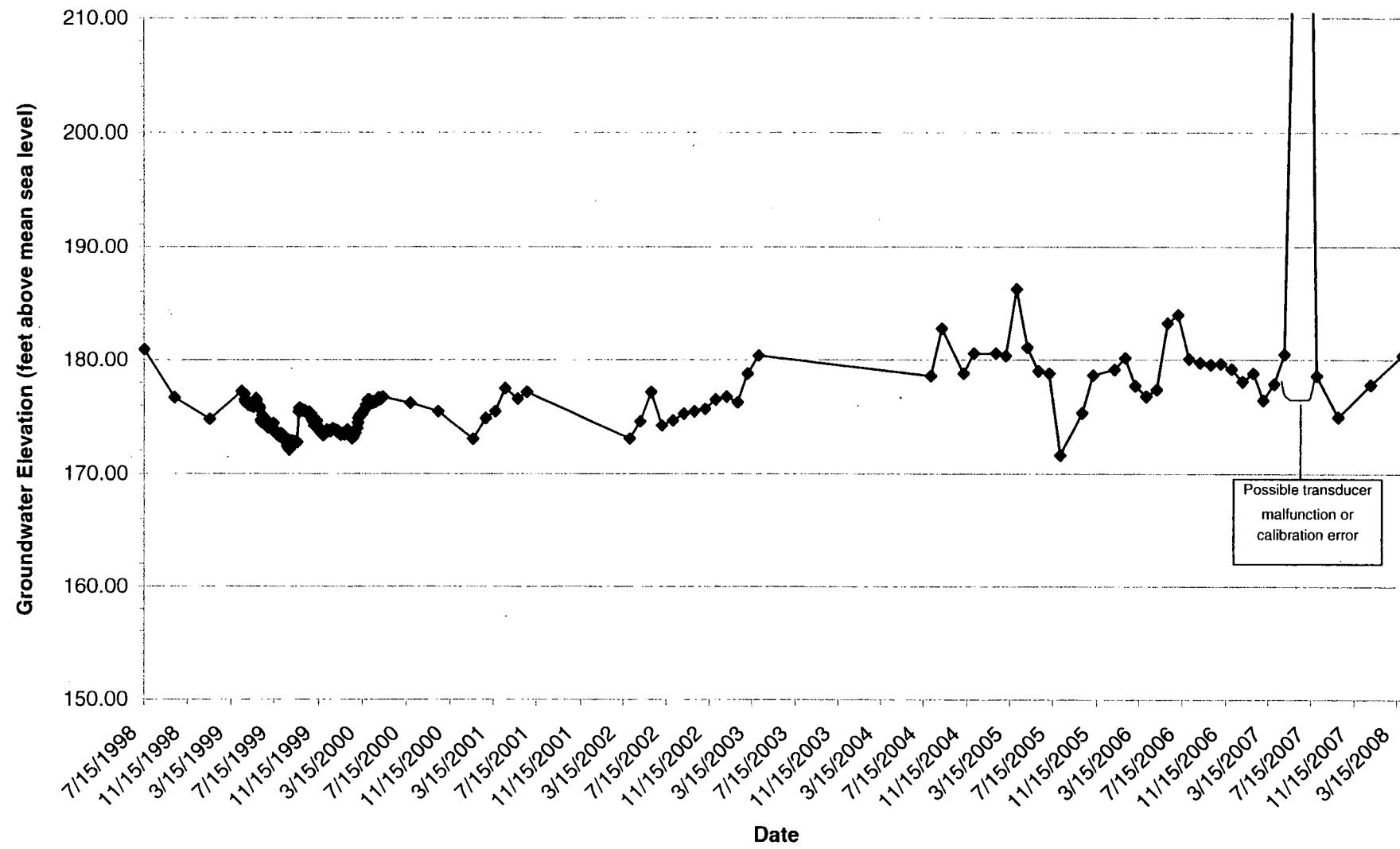
DM-11 Hydrograph



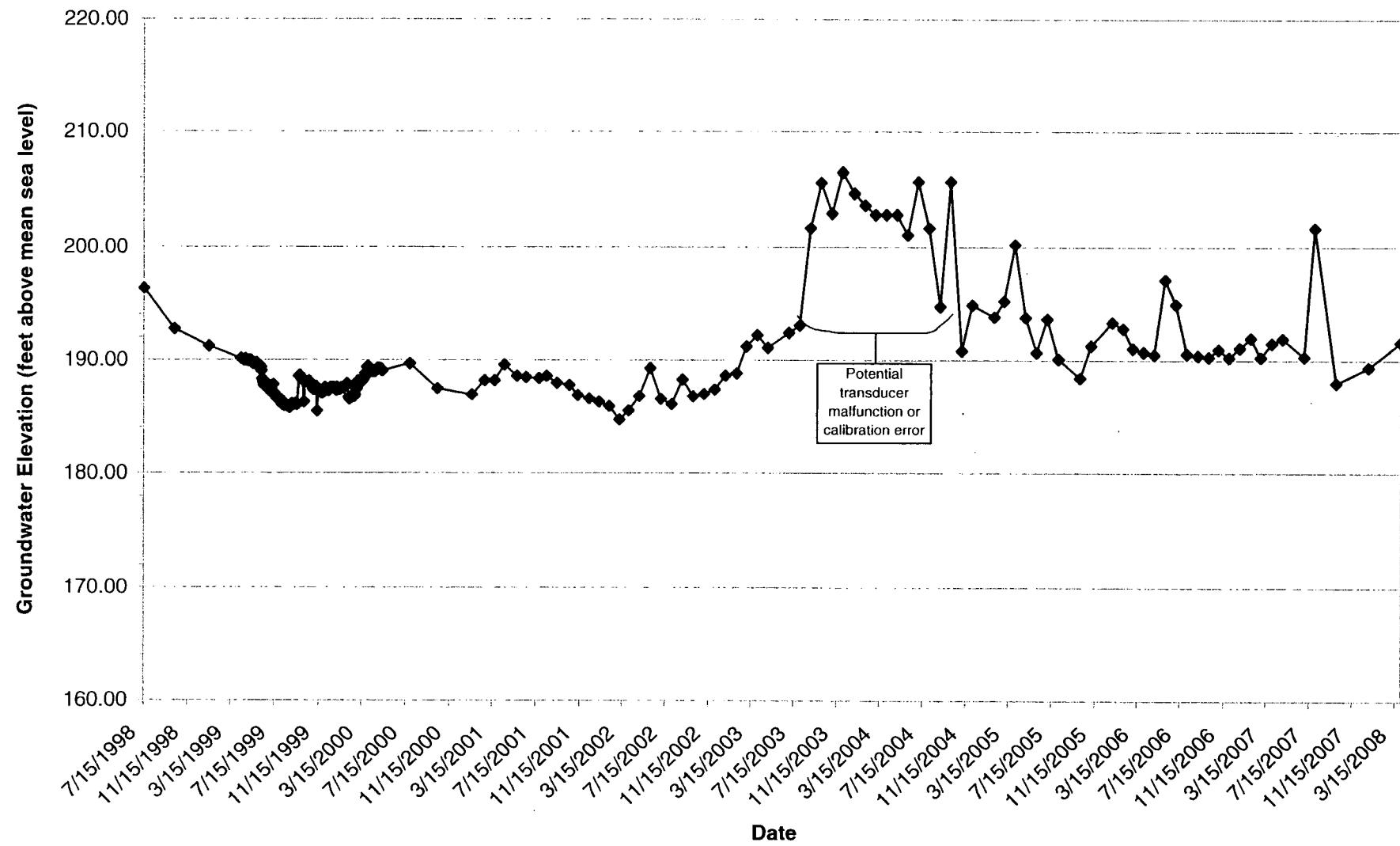
MW-1 Hydrograph



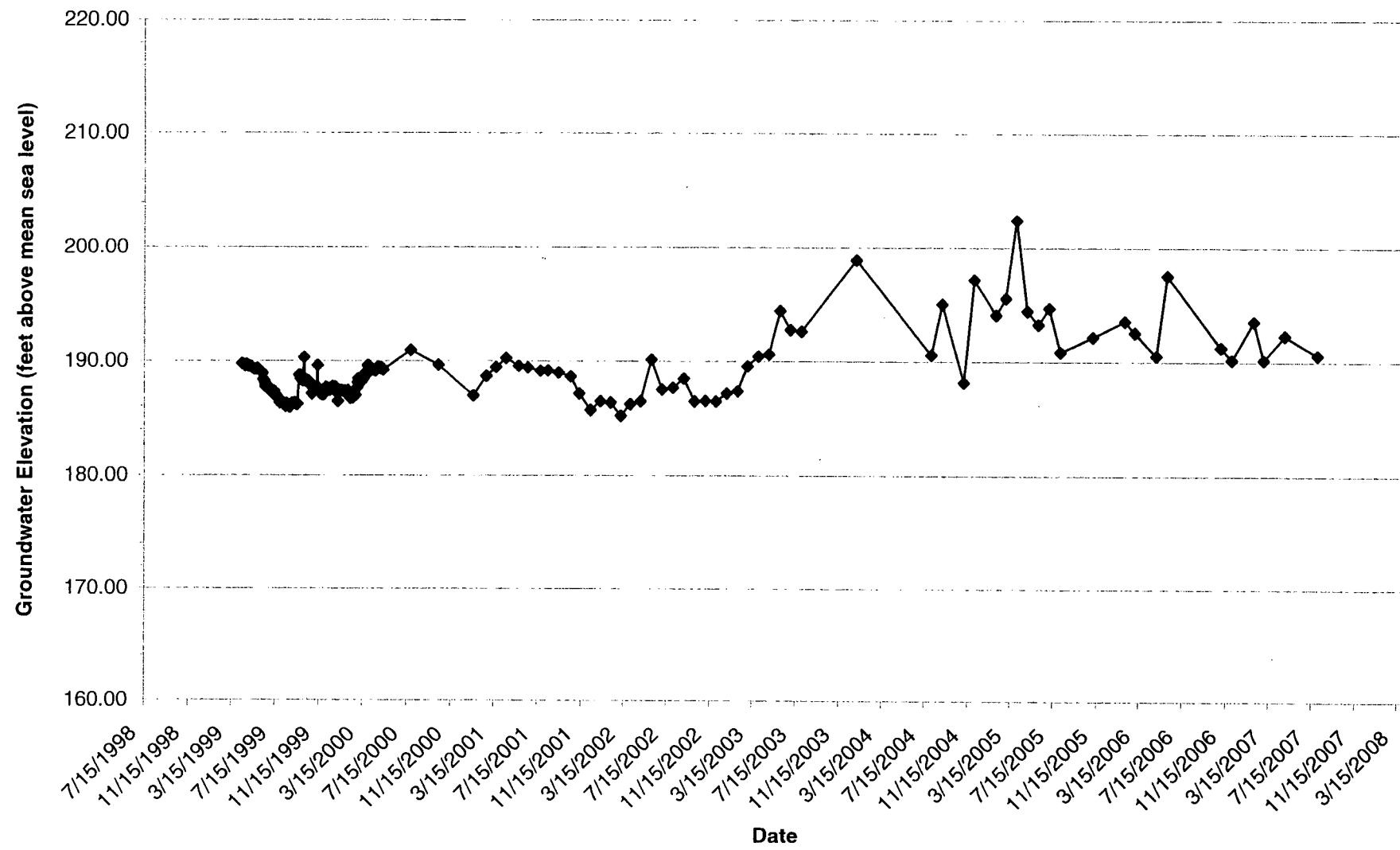
MW-3 Hydrograph



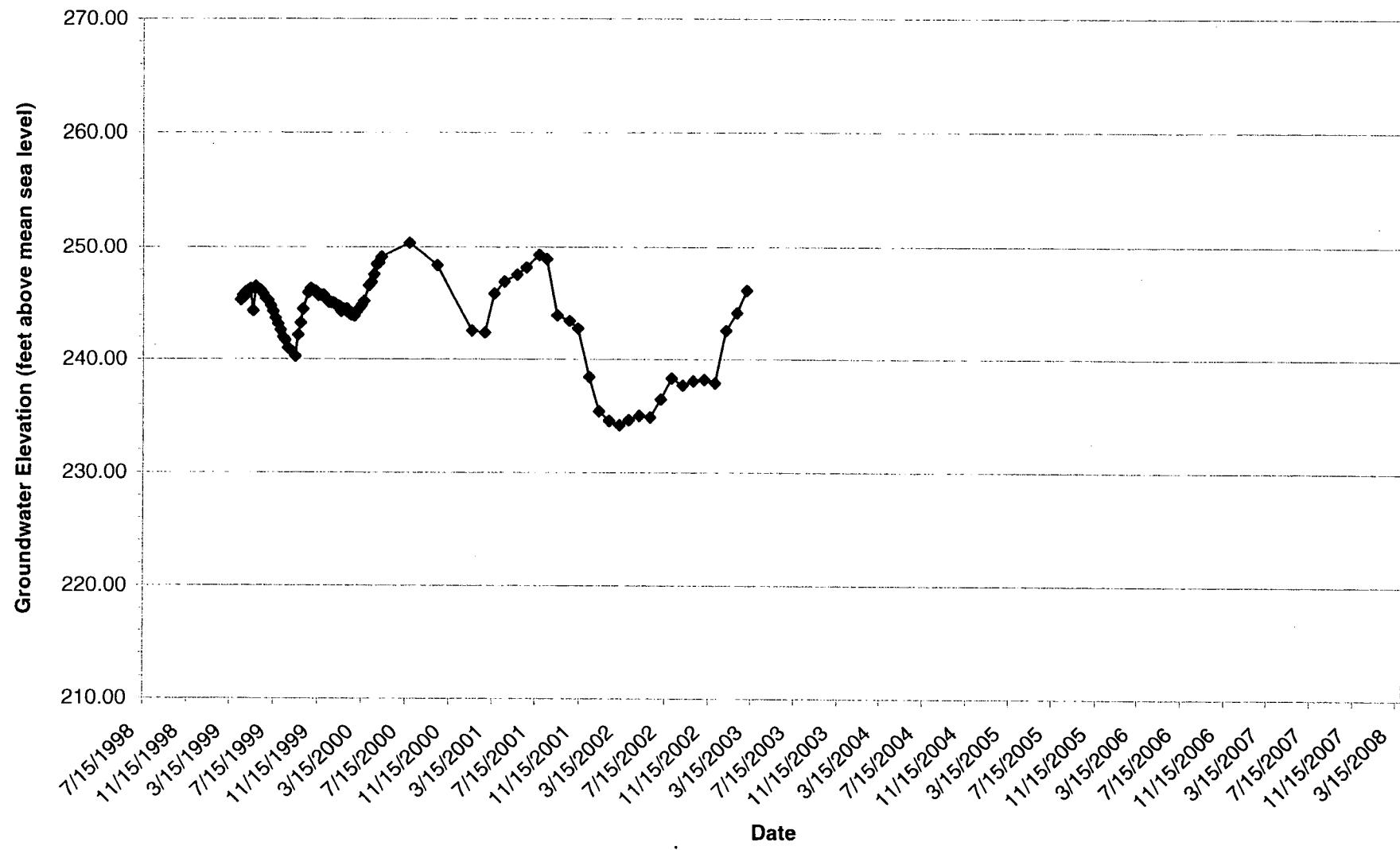
MW-9 Hydrograph



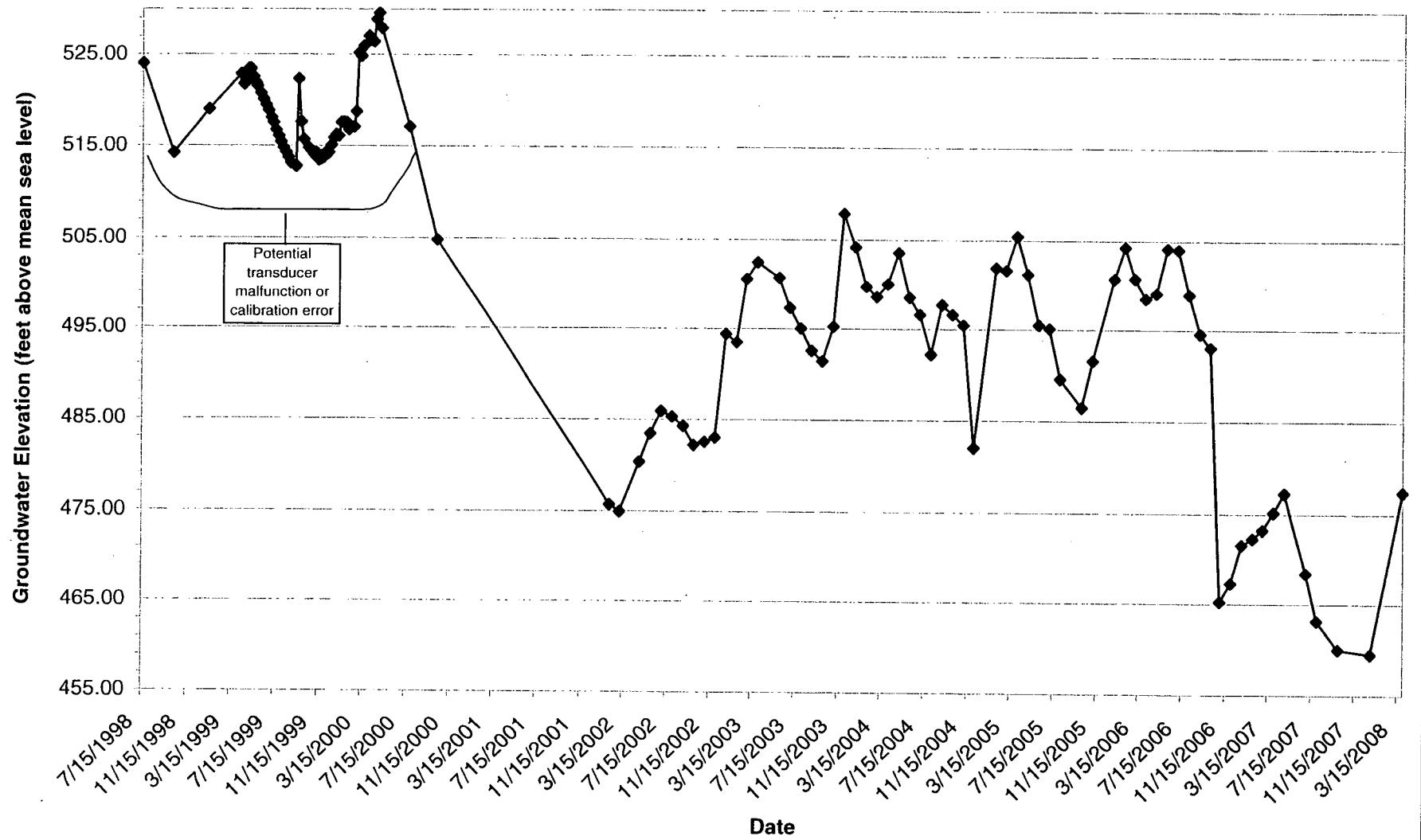
MW-9A Hydrograph



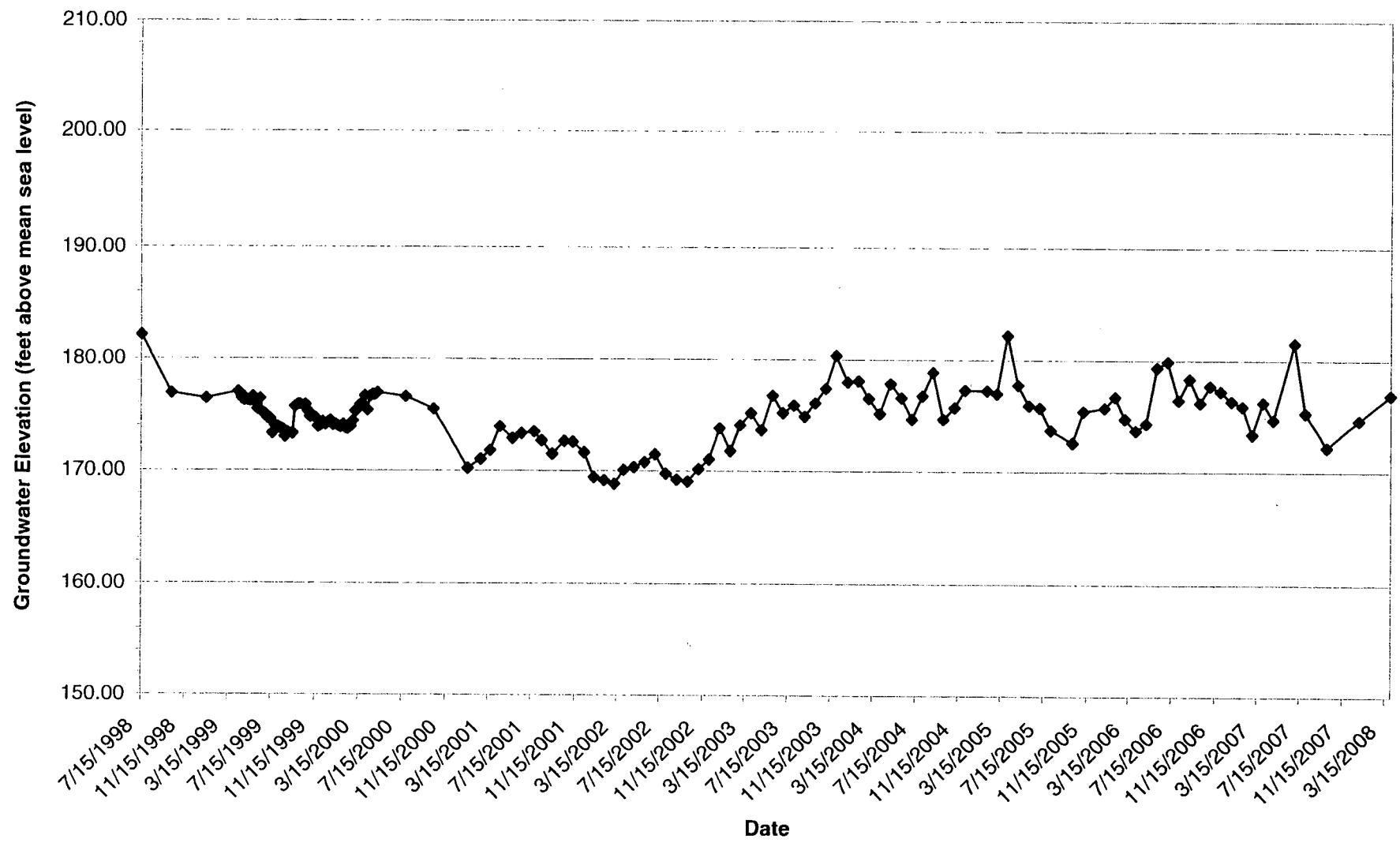
DM-1 Hydrograph



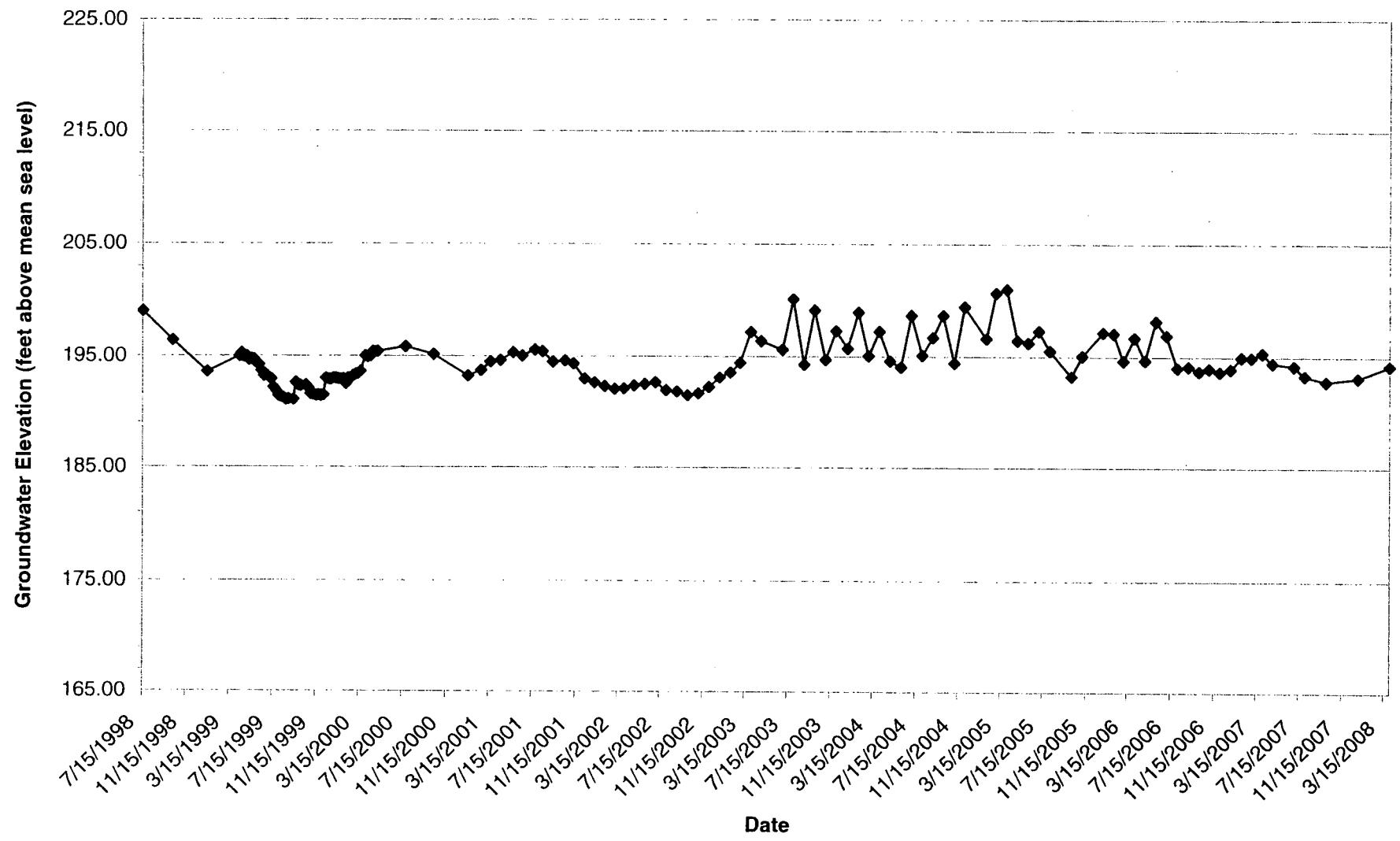
DM-4 Hydrograph



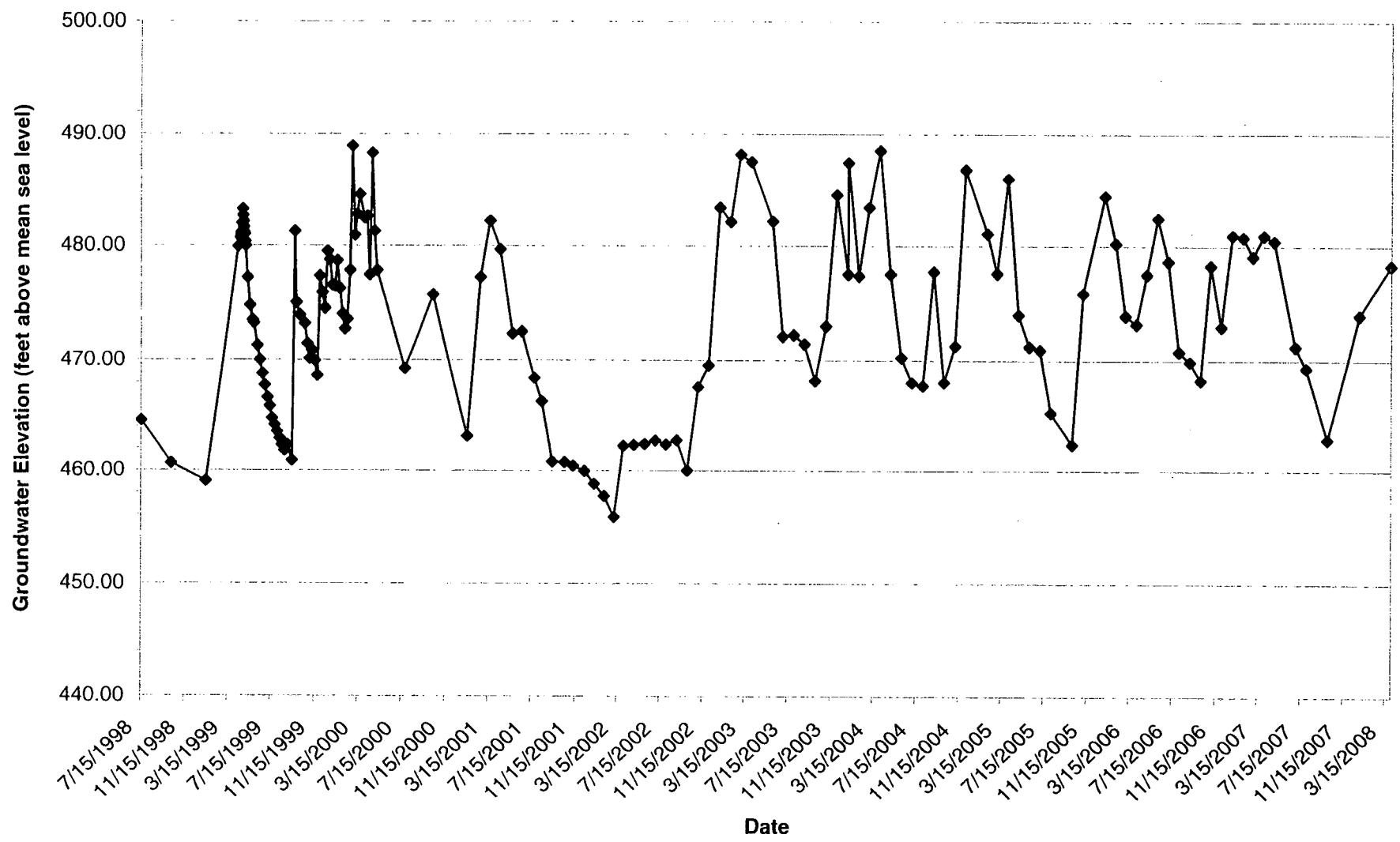
DM-8 Hydrograph



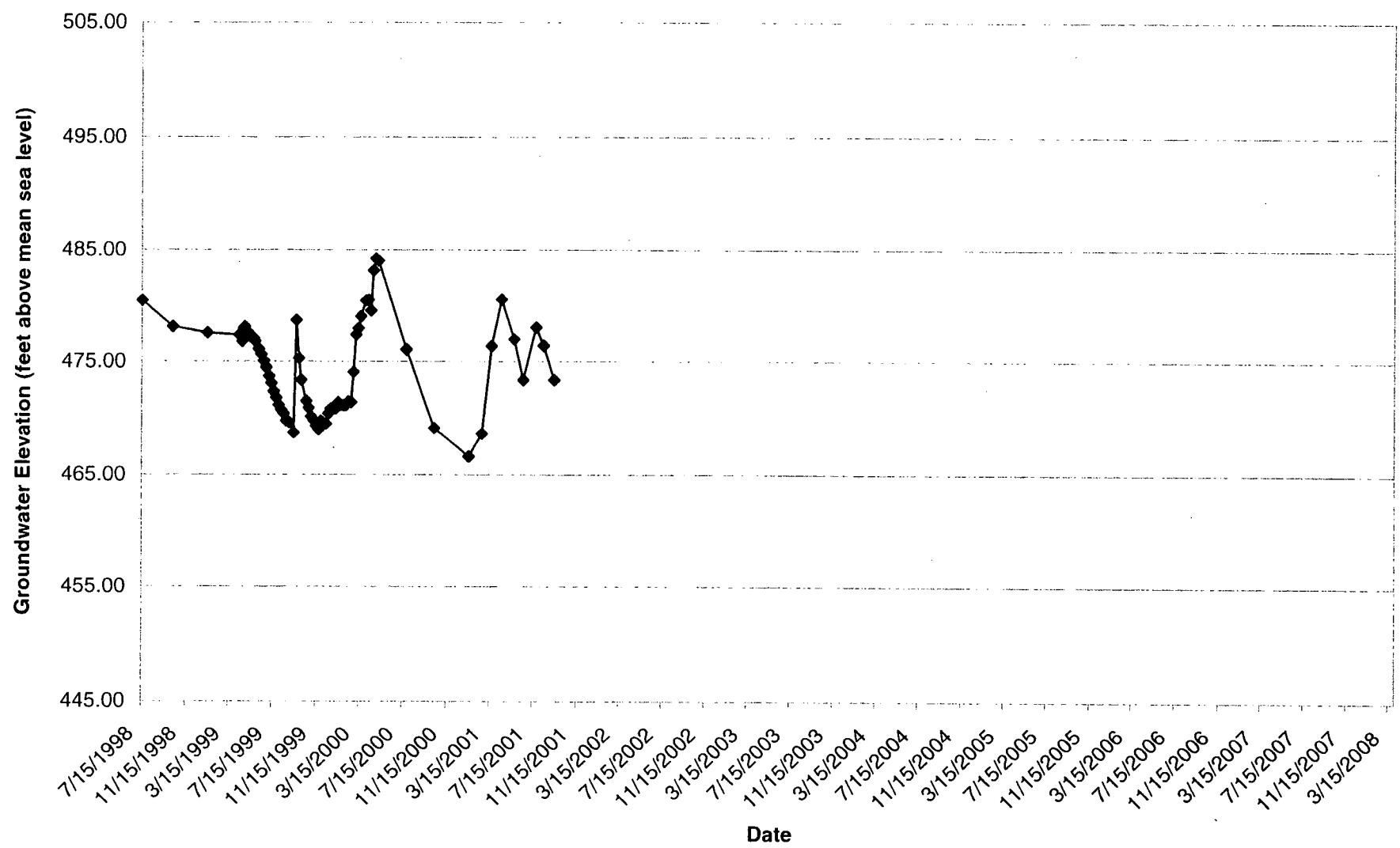
PZ-3 Hydrograph



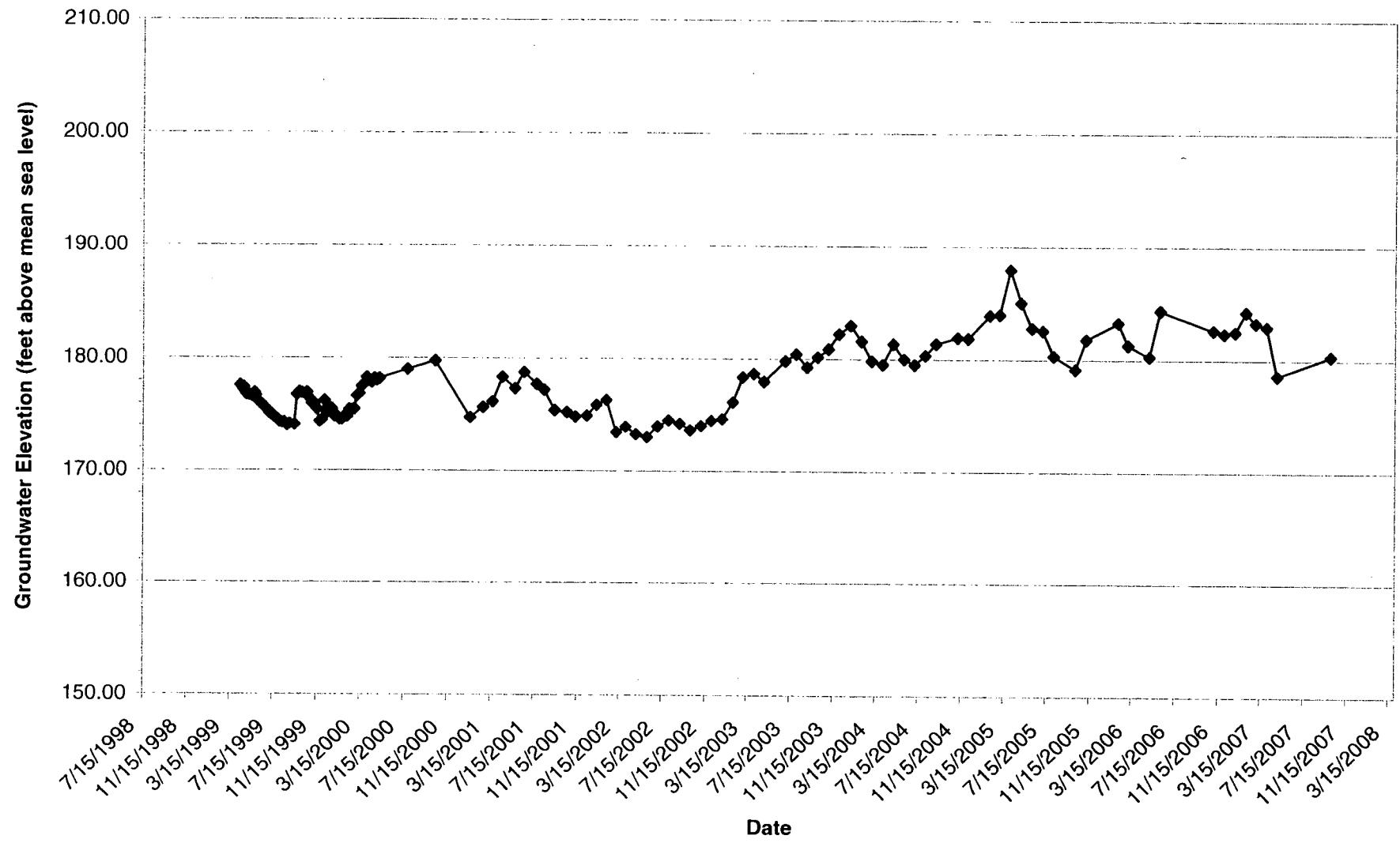
MW-2 Hydrograph

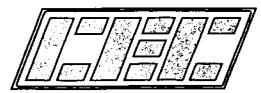


MW-12 Hydrograph



N-8 Hydrograph





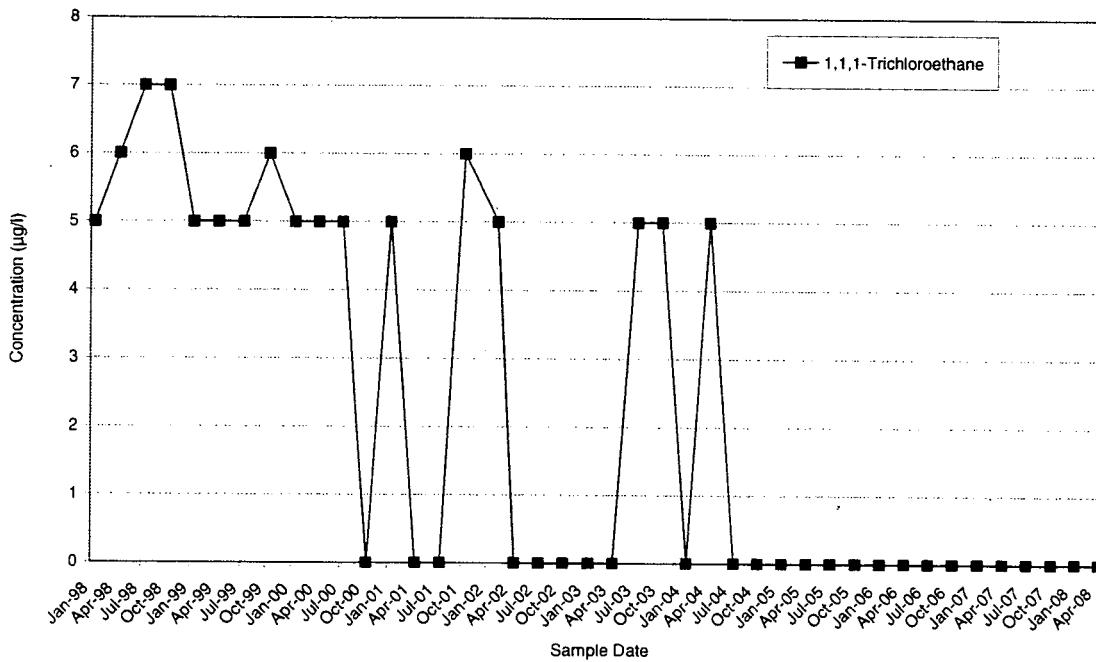
APPENDIX B

TREND CHARTS

CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

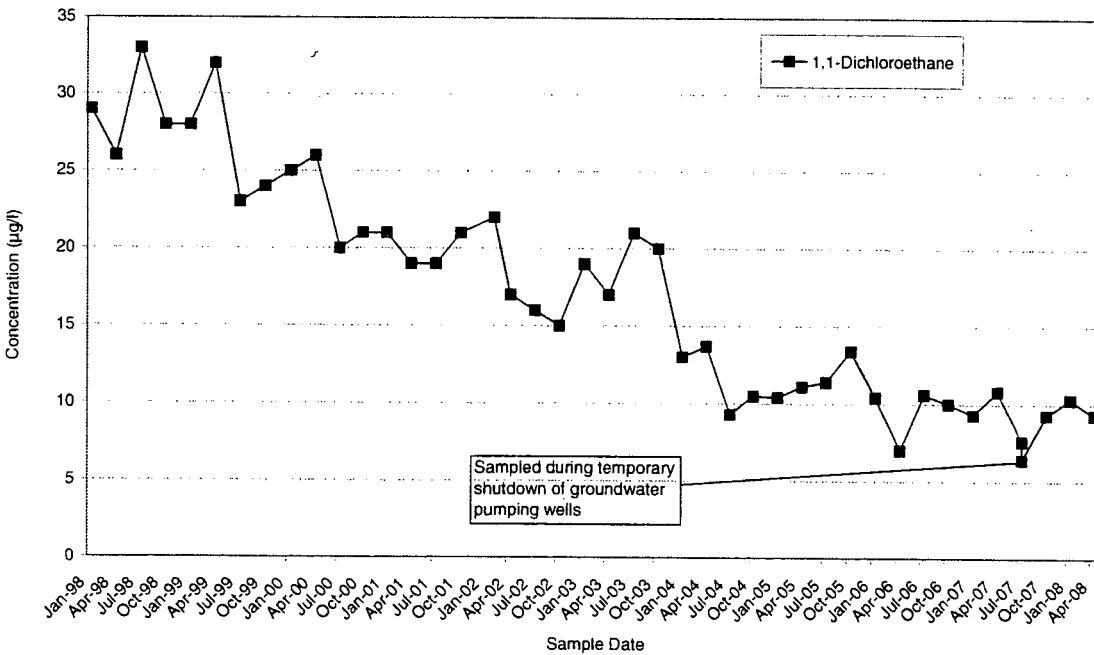
1,1,1-TRICHLOROETHANE

Cleanup Level (ESP) = 200 µg/l



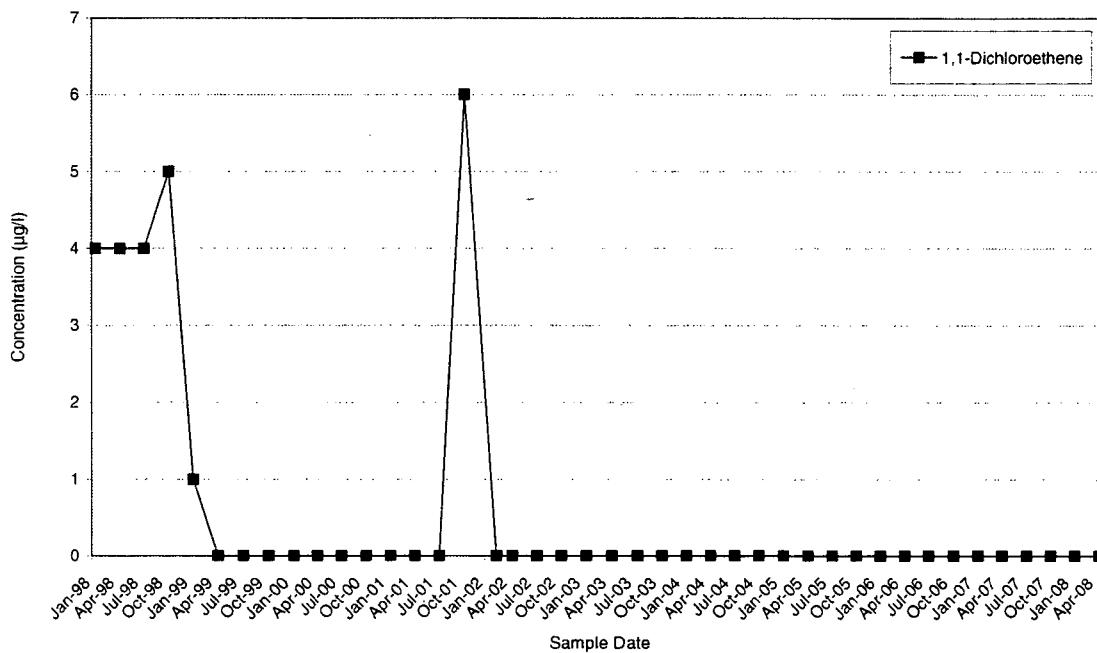
1,1-DICHLOROETHANE

Cleanup Level (ESP) = 27 µg/l

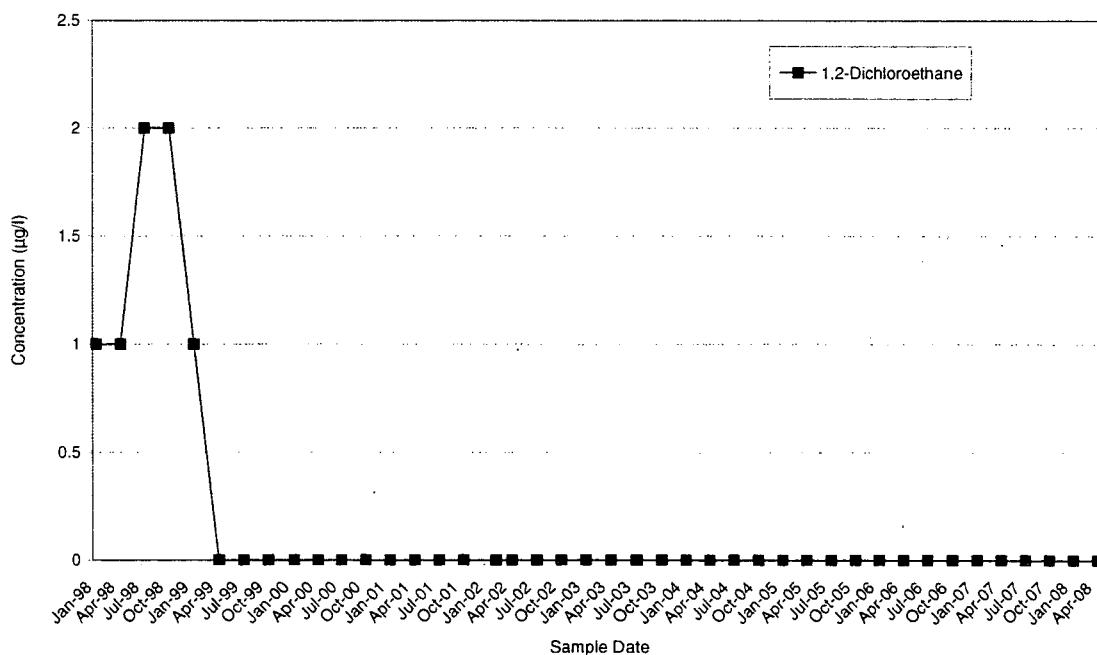


CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

1,1-DICHLOROETHENE
Cleanup Level (ESP) = 7 µg/l



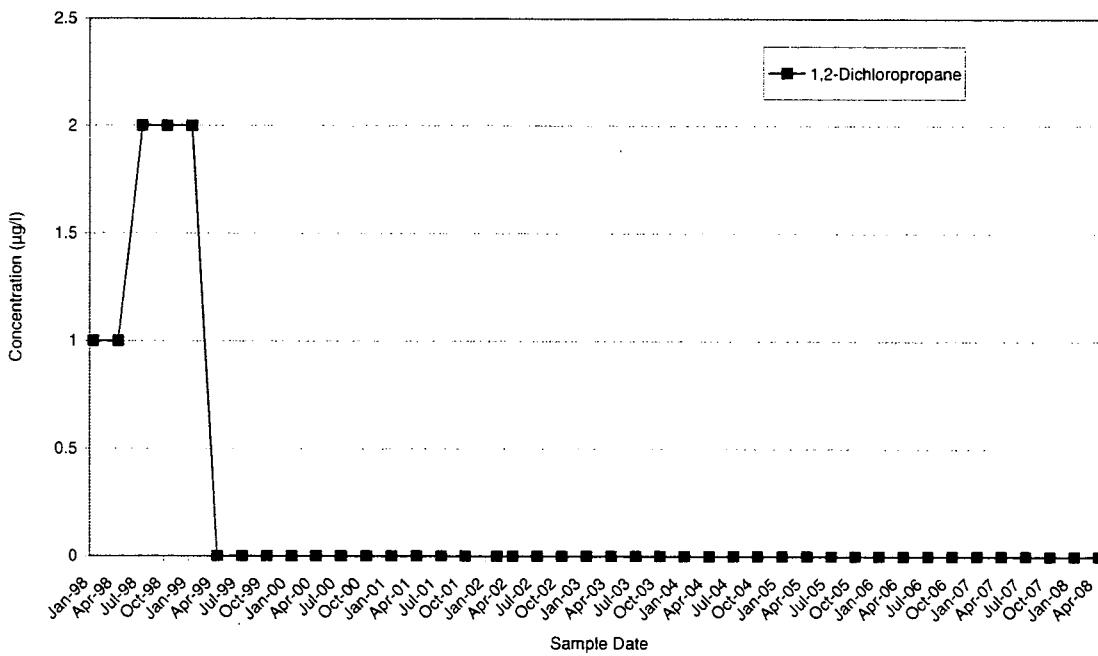
1,2-DICHLOROETHANE
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

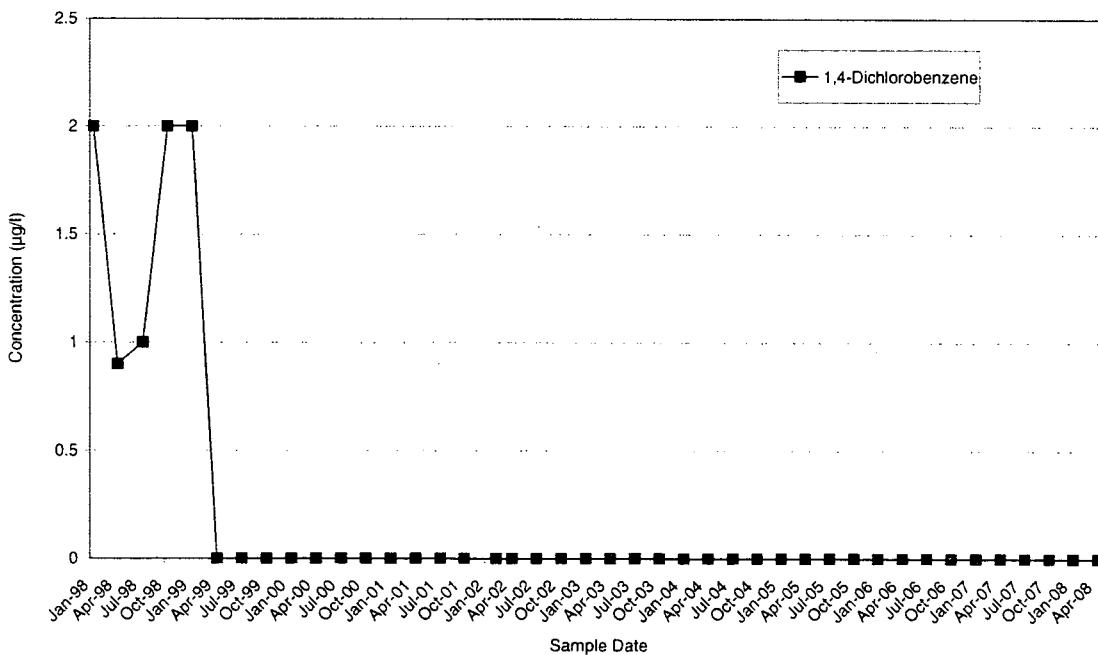
1,2-DICHLOROPROPANE

Cleanup Level (ESP) = 5 µg/l



1,4-DICHLOROBENZENE

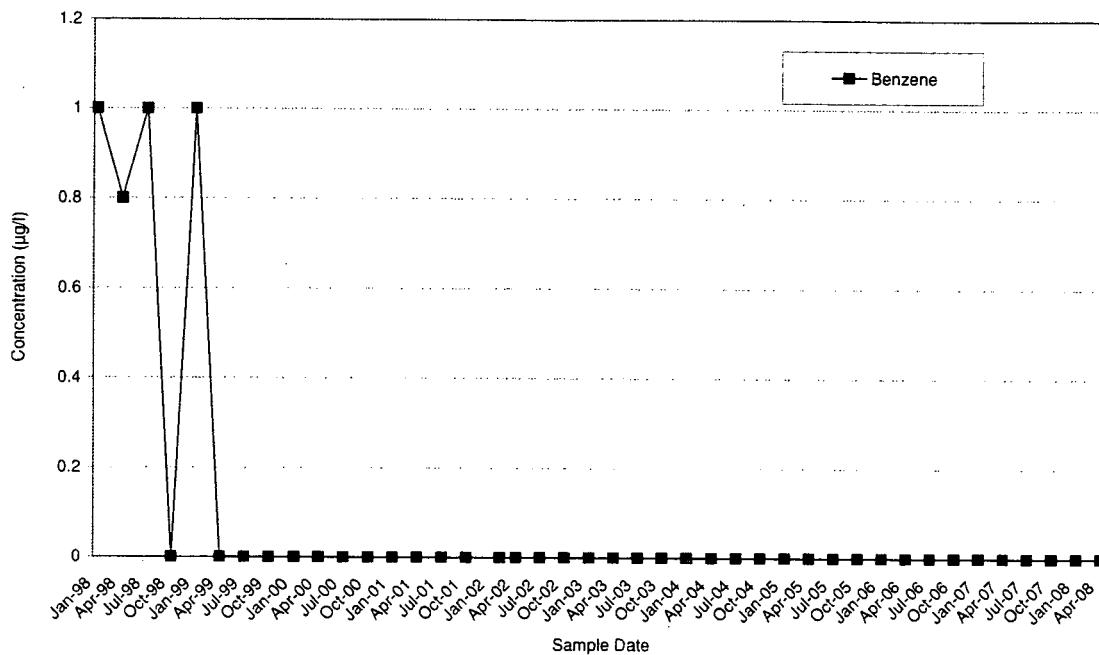
Cleanup Level (ESP) = 75 µg/l



CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

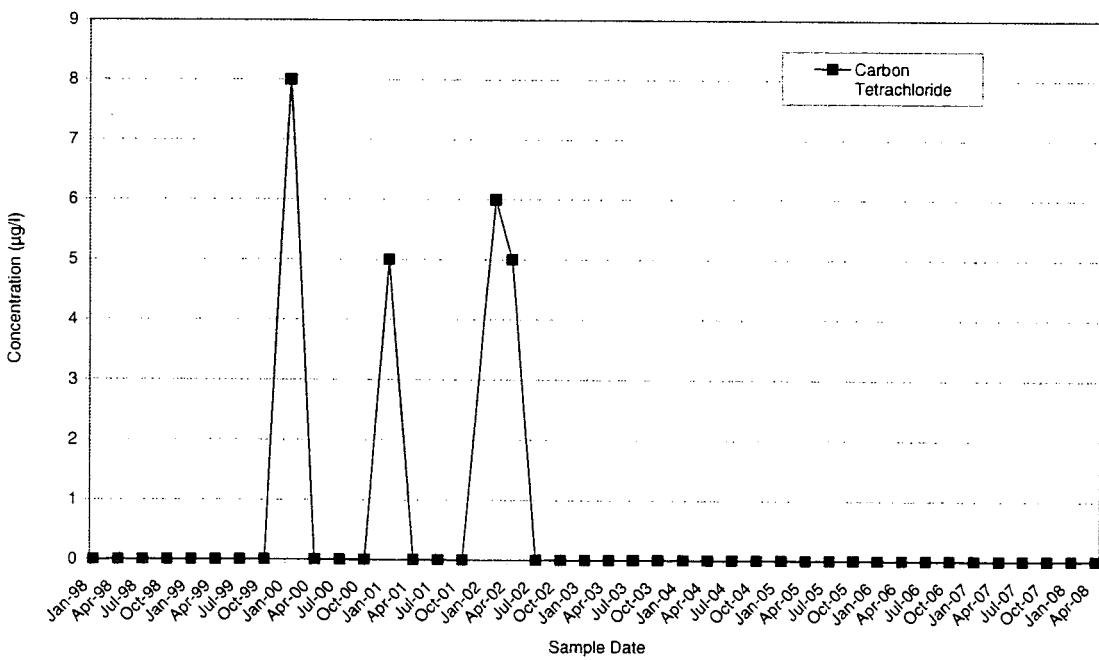
BENZENE

Cleanup Level (ESP) = 5 µg/l



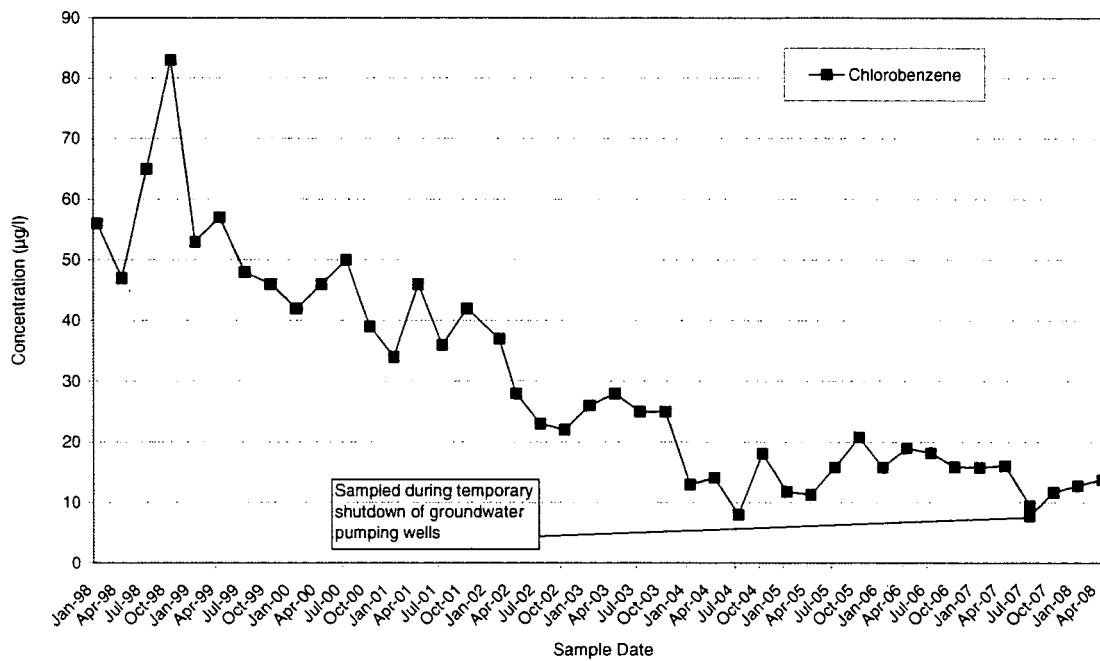
CARBON TETRACHLORIDE

Cleanup Level (ESP) = 5 µg/l

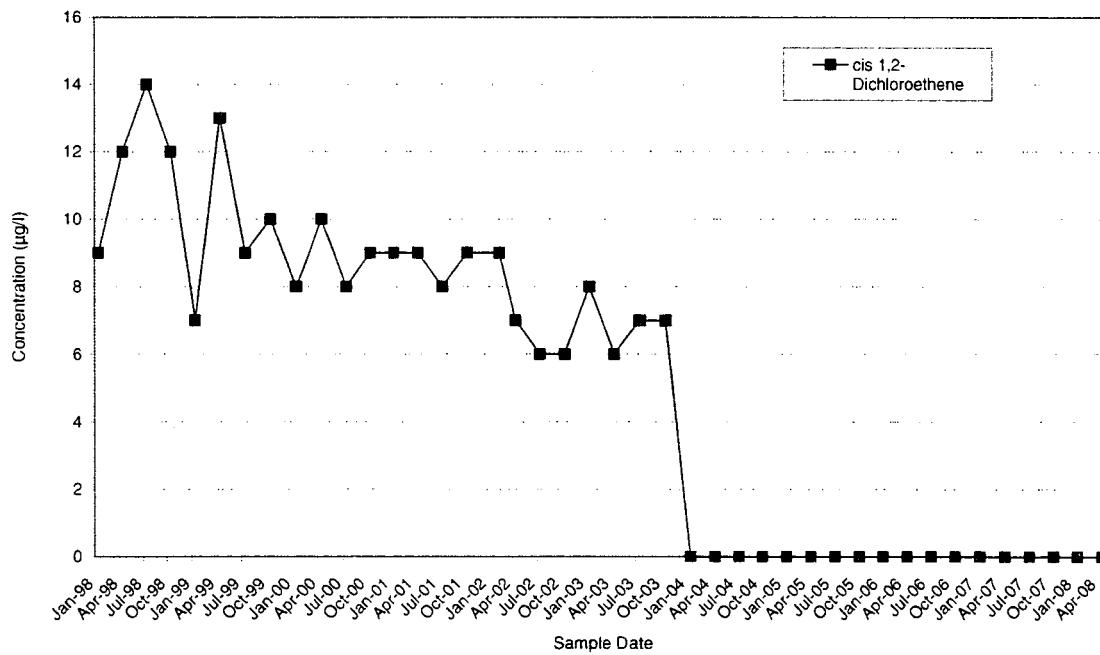


CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

CHLOROBENZENE
 Cleanup Level (ESP) = 100 µg/l

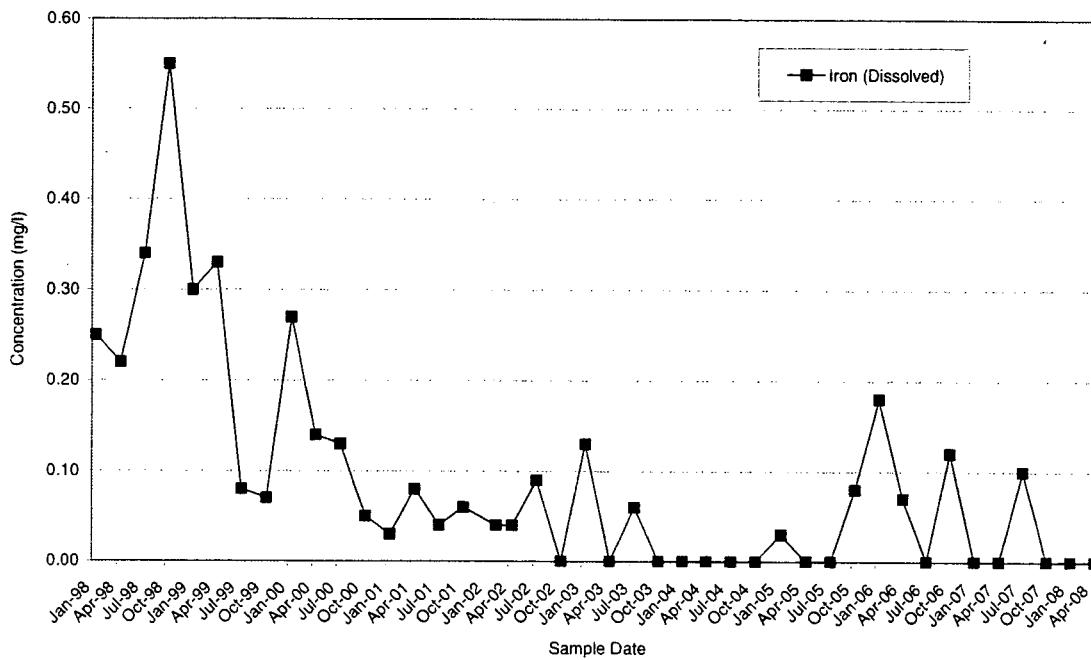


cis 1,2-DICHLOROETHENE
 Cleanup Level (ESP) = 70 µg/l

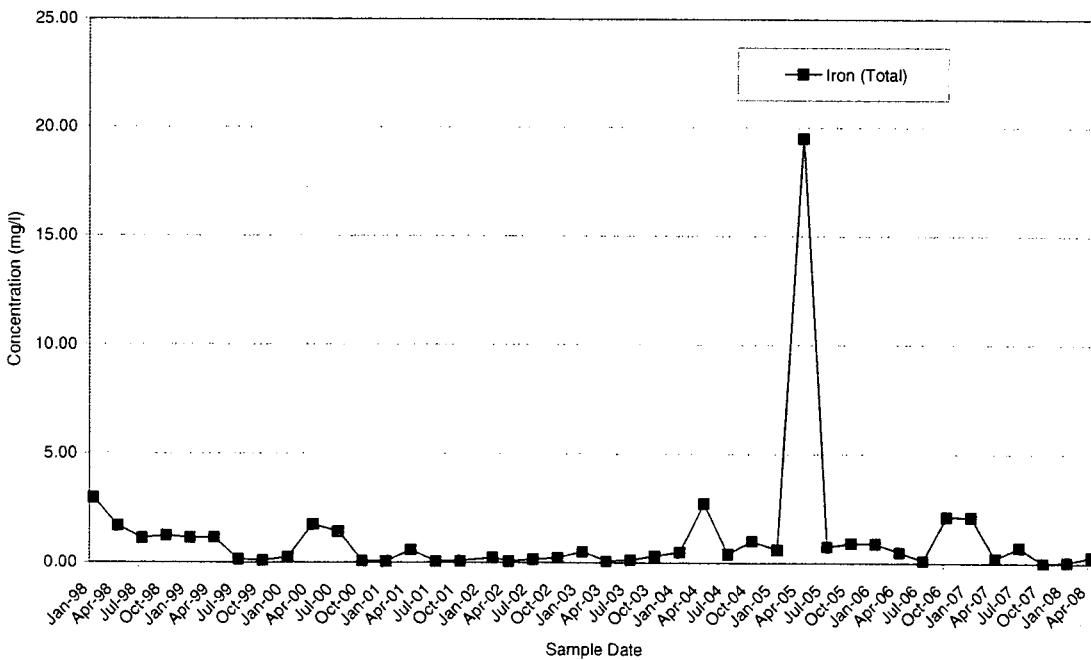


CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

IRON, DISSOLVED

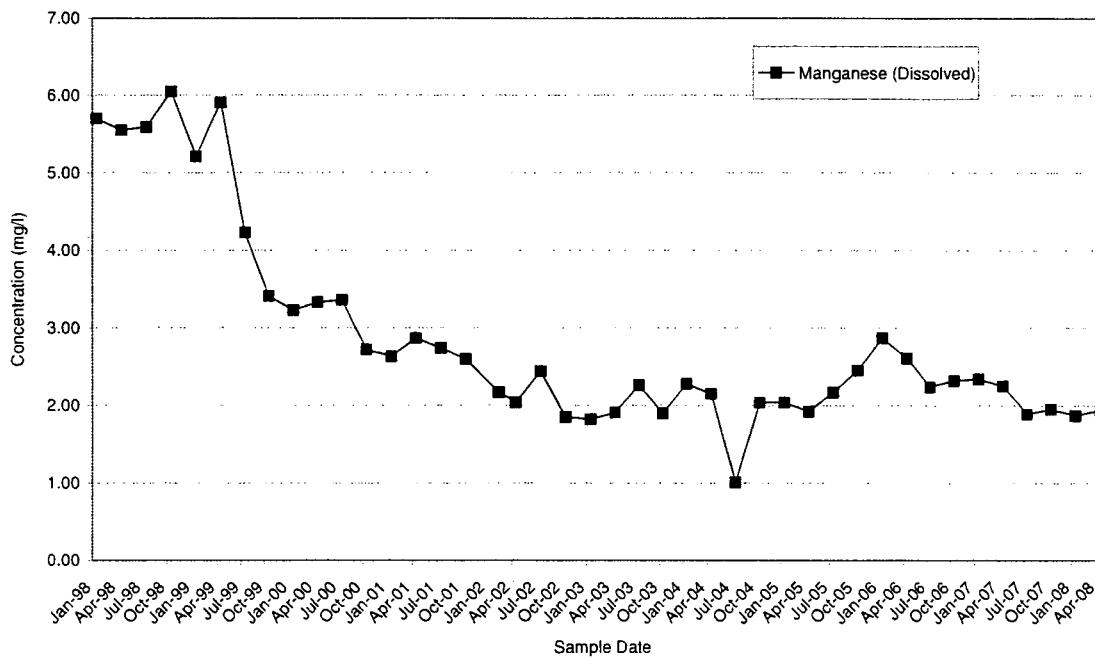


IRON, TOTAL

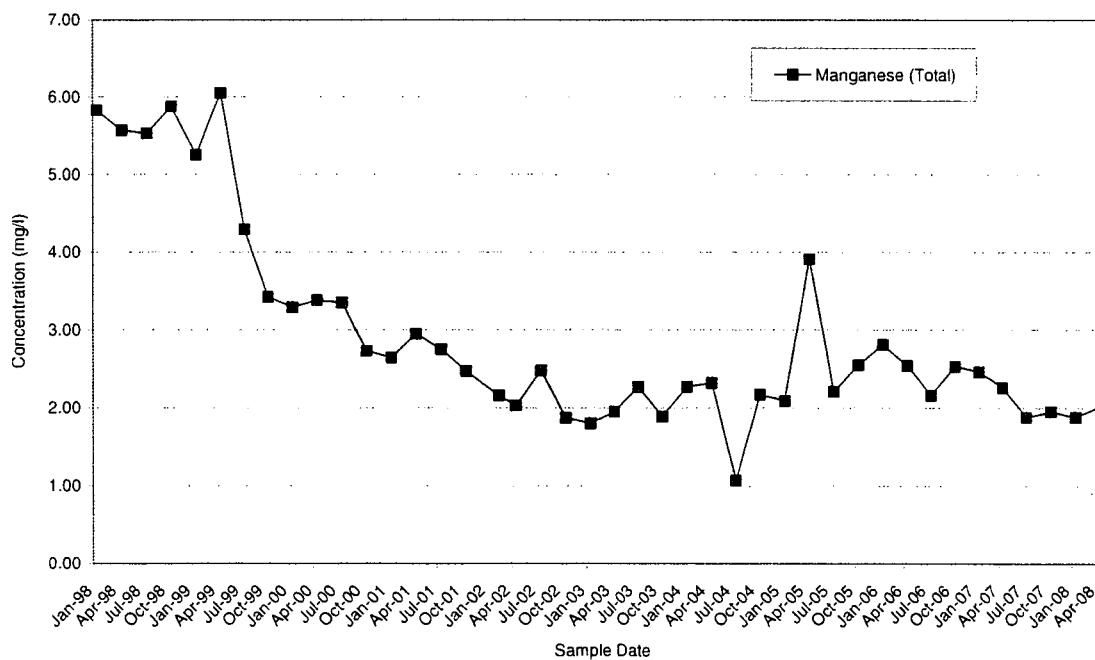


CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

MANGANESE, DISSOLVED

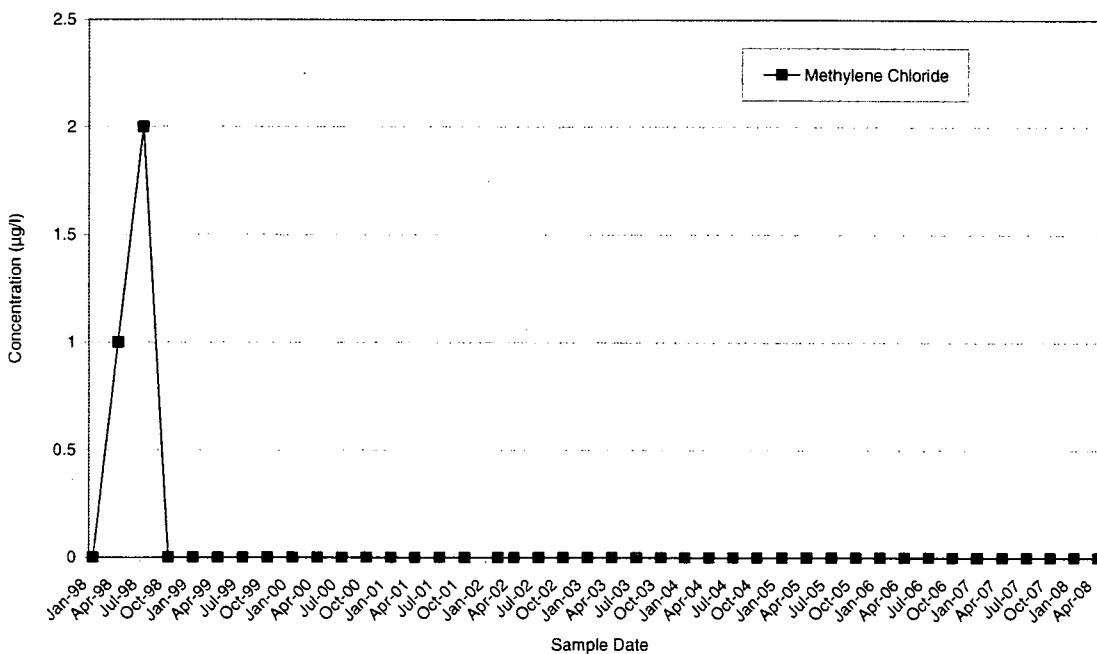


MANGANESE, TOTAL

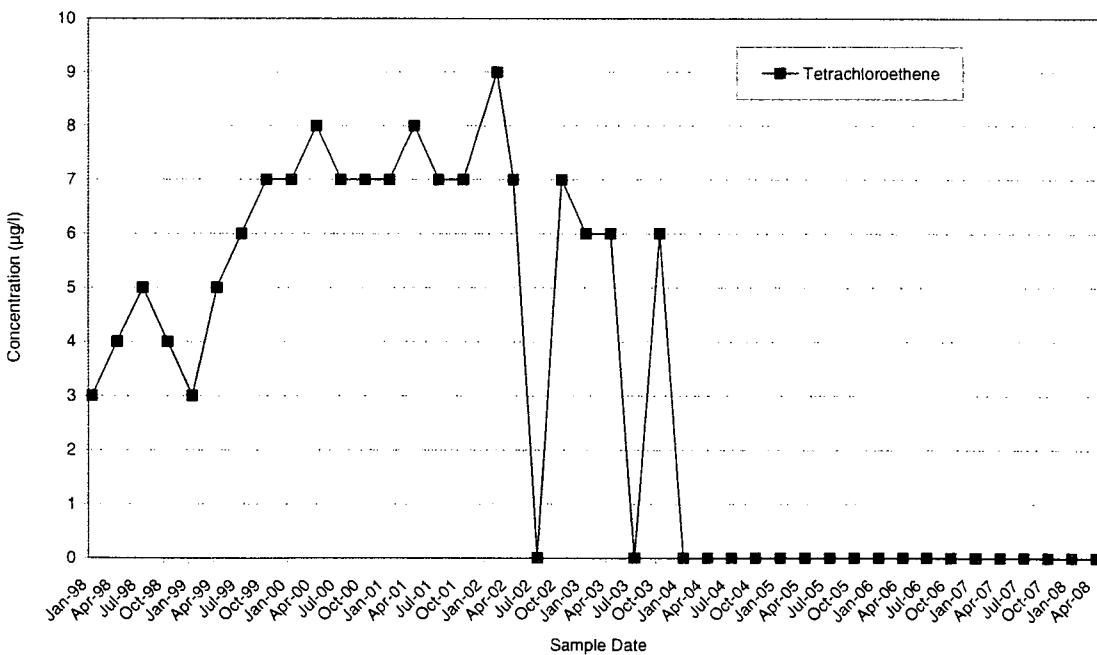


CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

METHYLENE CHLORIDE
Cleanup Level (ESP) = 5 µg/l



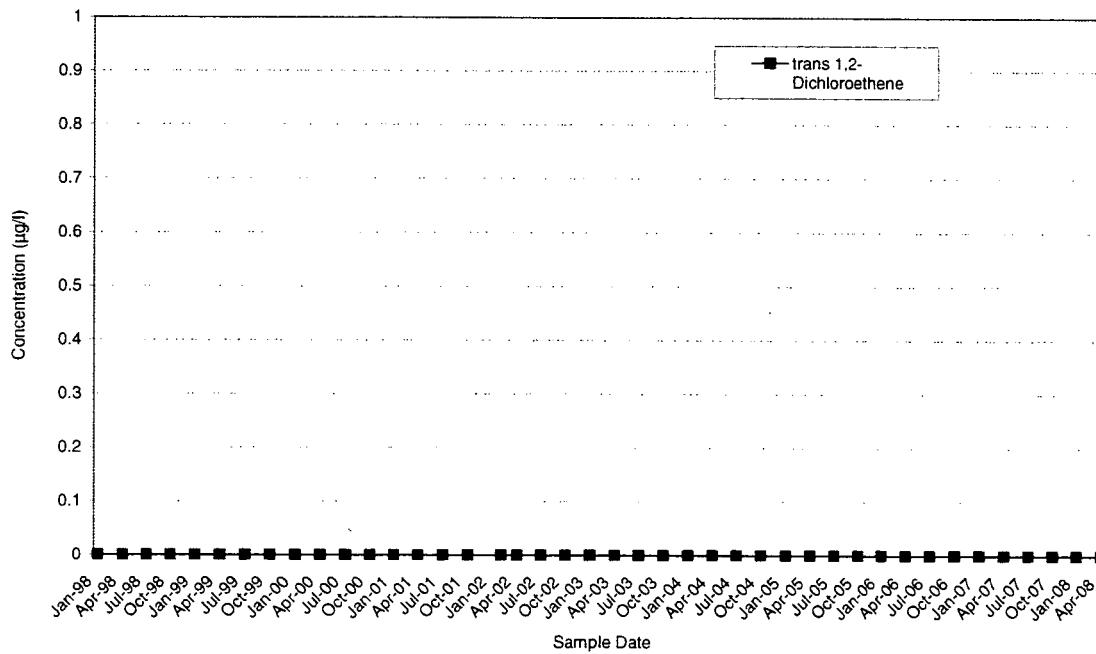
TETRACHLOROETHENE
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

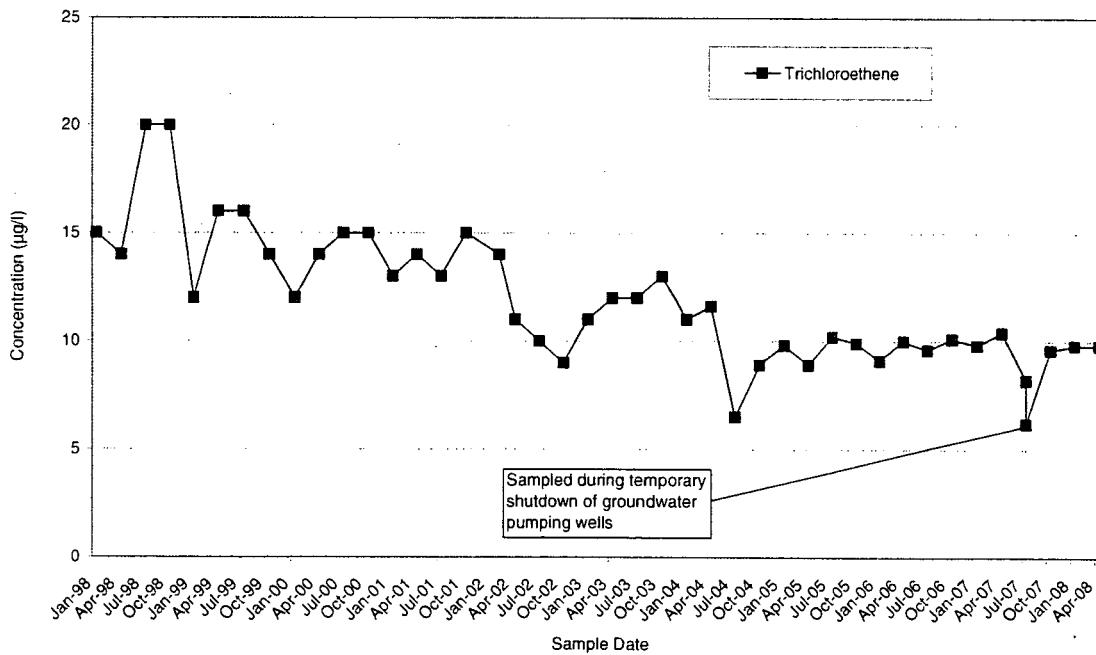
trans 1,2-DICHLOROETHENE

Cleanup Level (ESP) = 100 µg/l



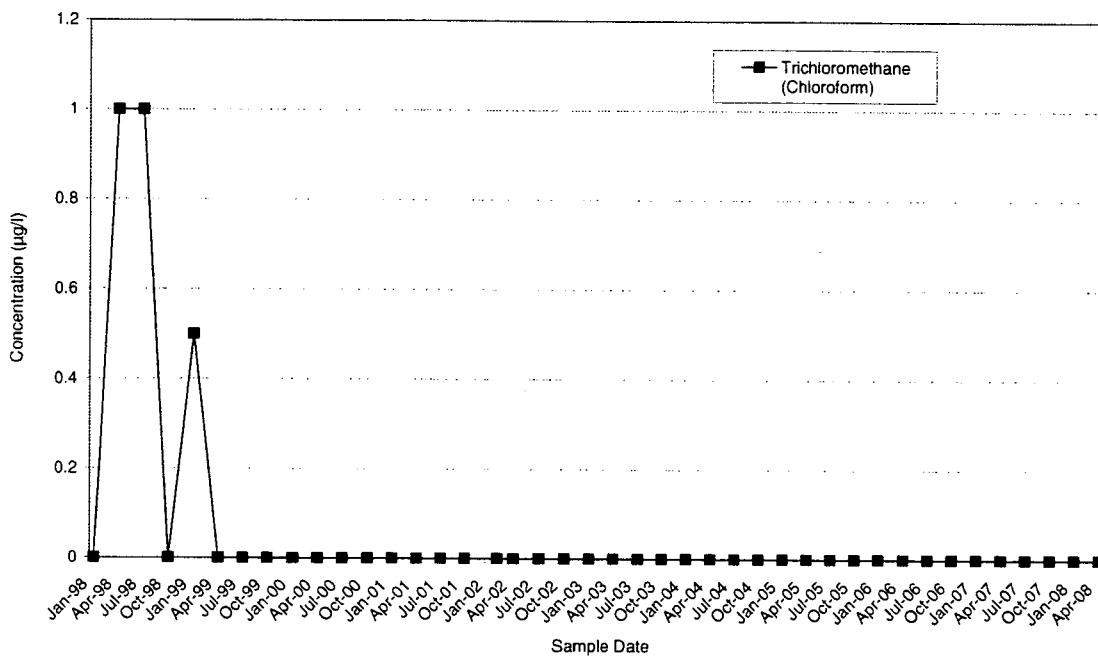
TRICHLOROETHENE

Cleanup Level (ESP) = 5 µg/l

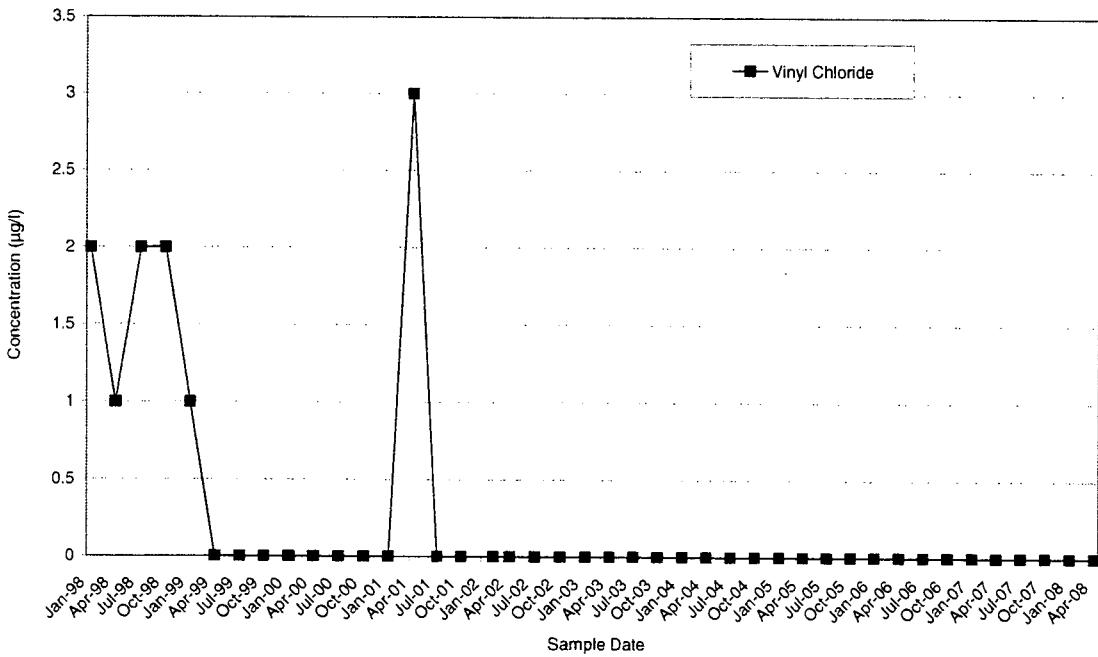


CHRIN BROTHERS LANDFILL
DM-2
TIME SERIES CHARTS

TRICHLOROMETHANE
Cleanup Level (ESP) = 100 µg/l

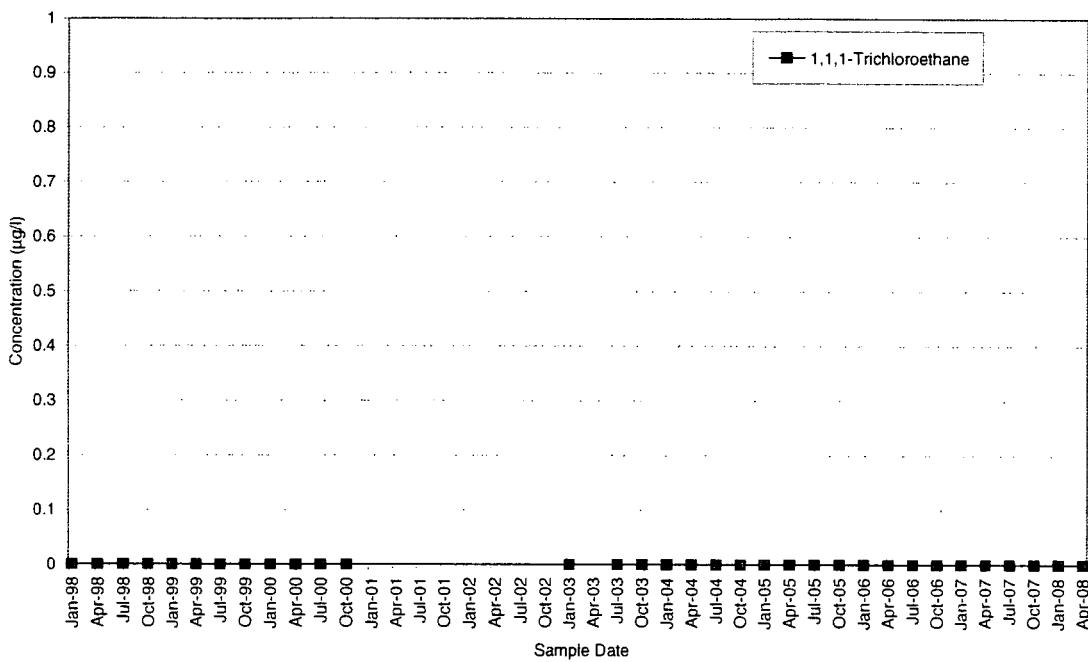


VINYL CHLORIDE
Cleanup Level (ESP) = 2 µg/l

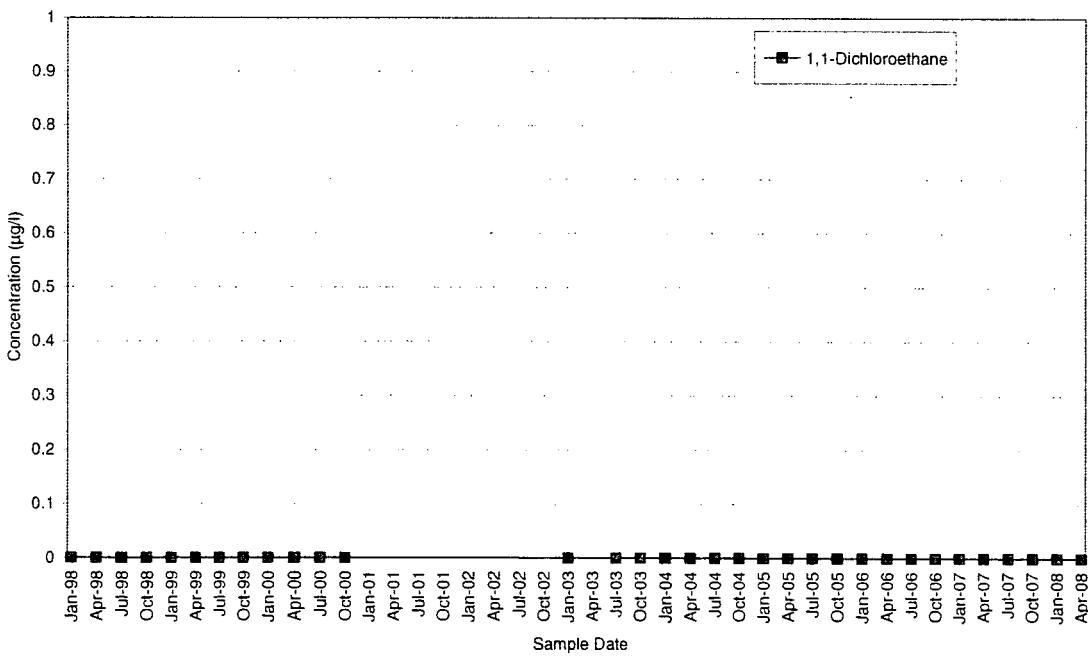


CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

1,1,1-TRICHLOROETHANE
Cleanup Level (ESP) = 200 µg/l

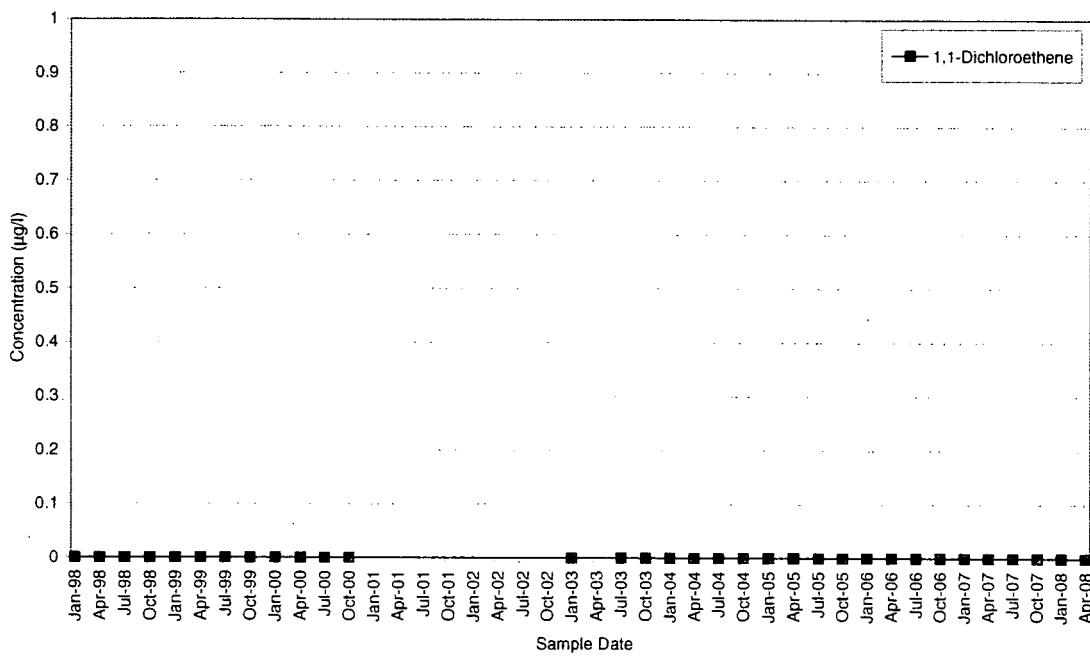


1,1-DICHLOROETHANE
Cleanup Level (ESP) = 27 µg/l

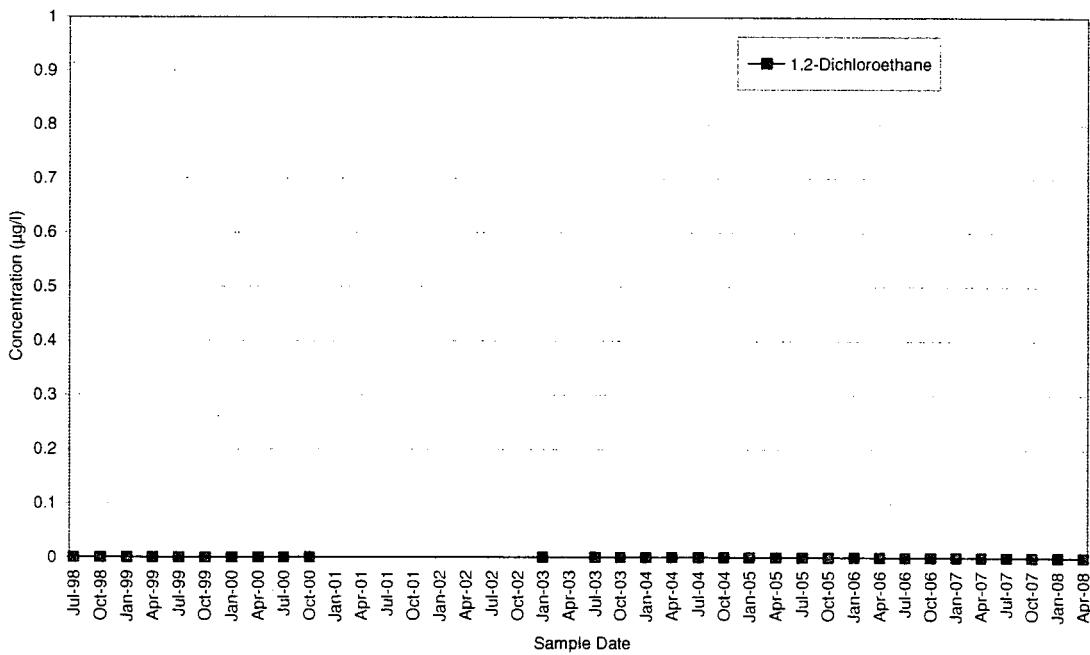


CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

1,1-DICHLOROETHENE
Cleanup Level (ESP) = 7 µg/l



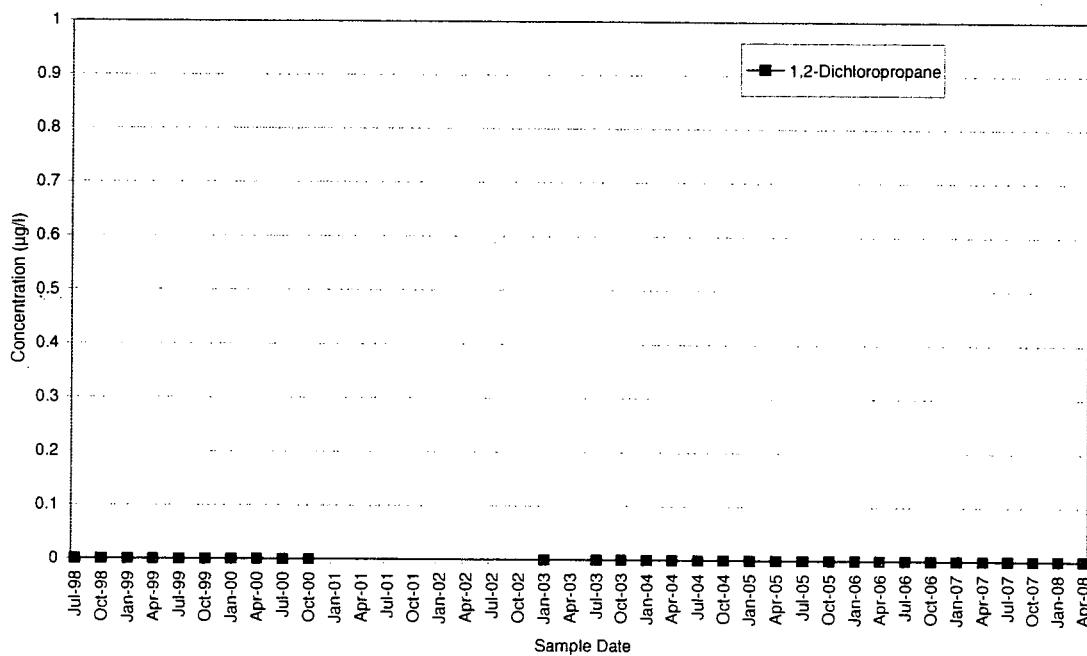
1,2-DICHLOROETHANE
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

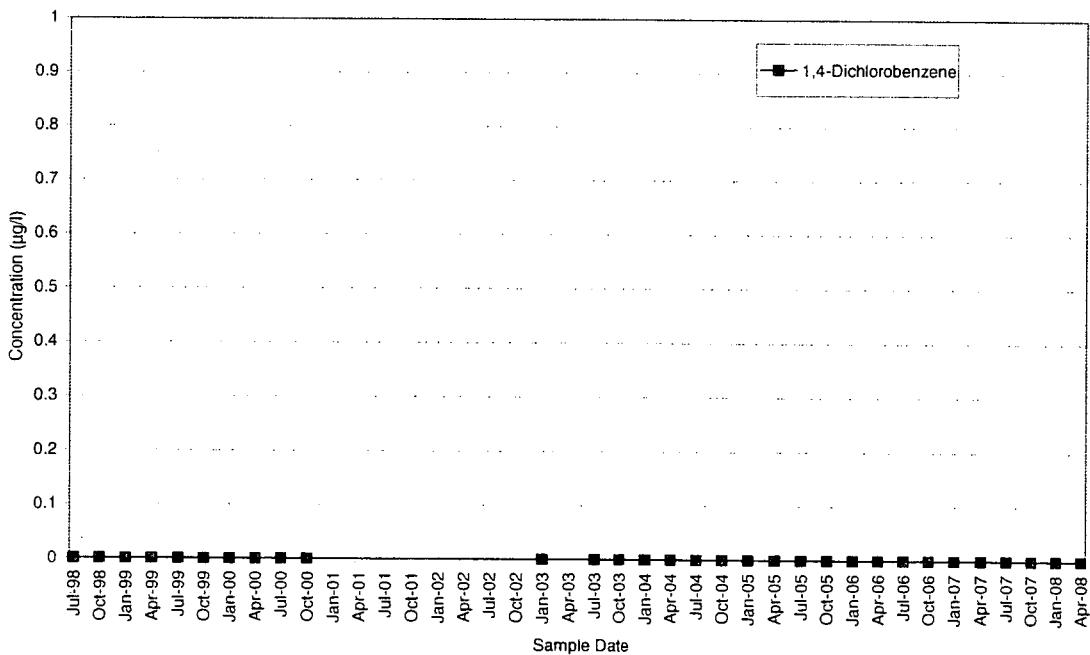
1,2-DICHLOROPROPANE

Cleanup Level (ESP) = 5 µg/l



1,4-DICHLOROBENZENE

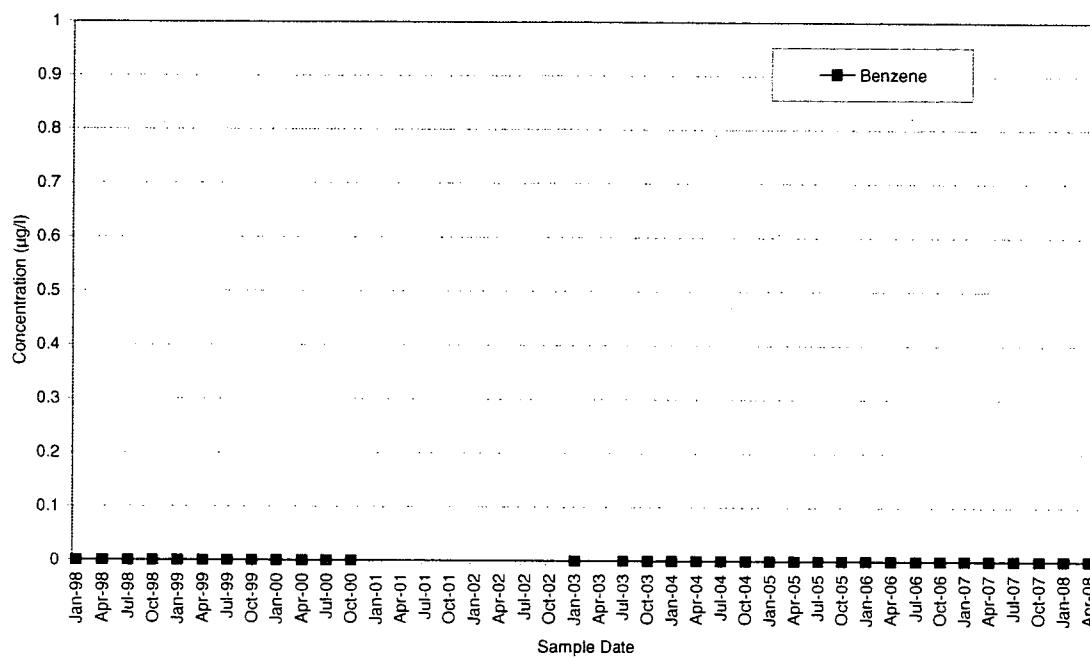
Cleanup Level (ESP) = 75 µg/l



CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

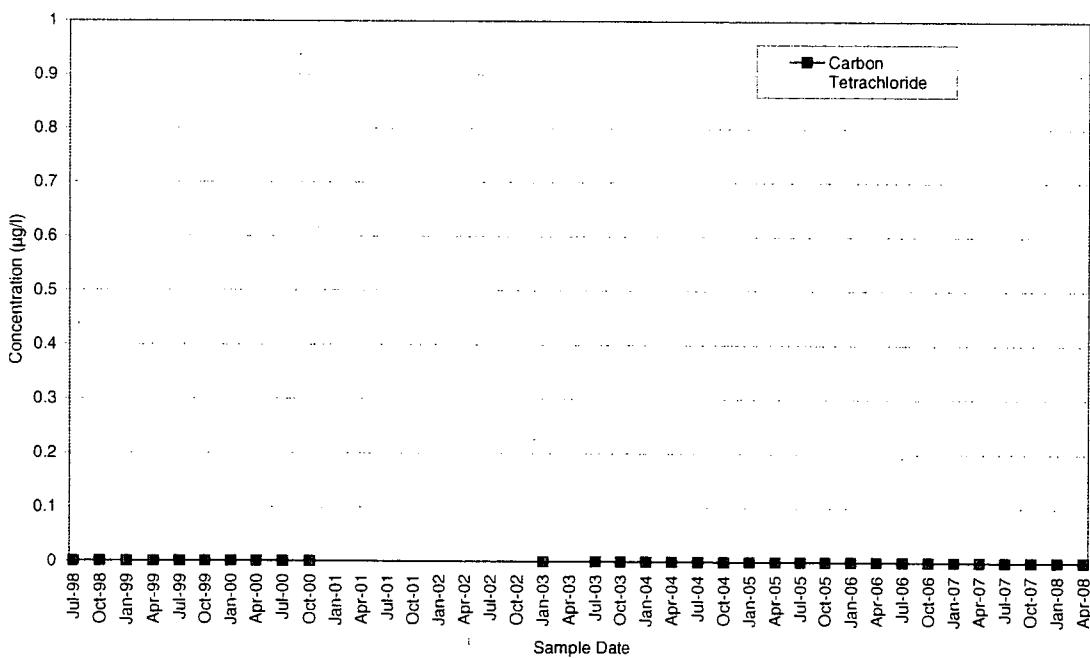
BENZENE

Cleanup Level (ESP) = 5 µg/l



CARBON TETRACHLORIDE

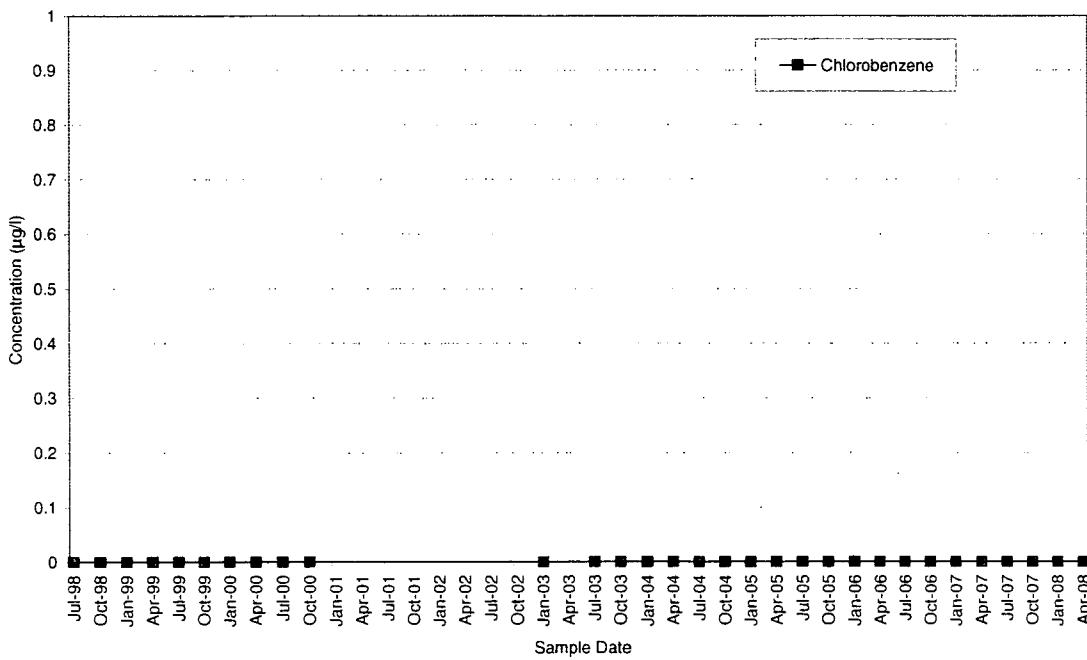
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

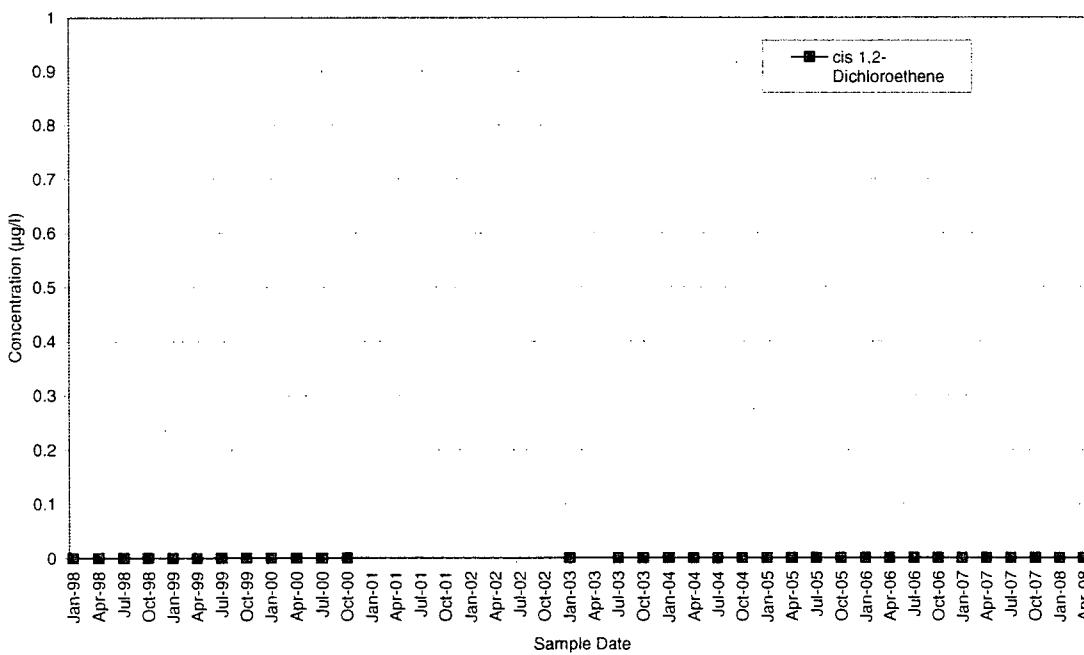
CHLOROBENZENE

Cleanup Level (ESP) = 100 µg/l



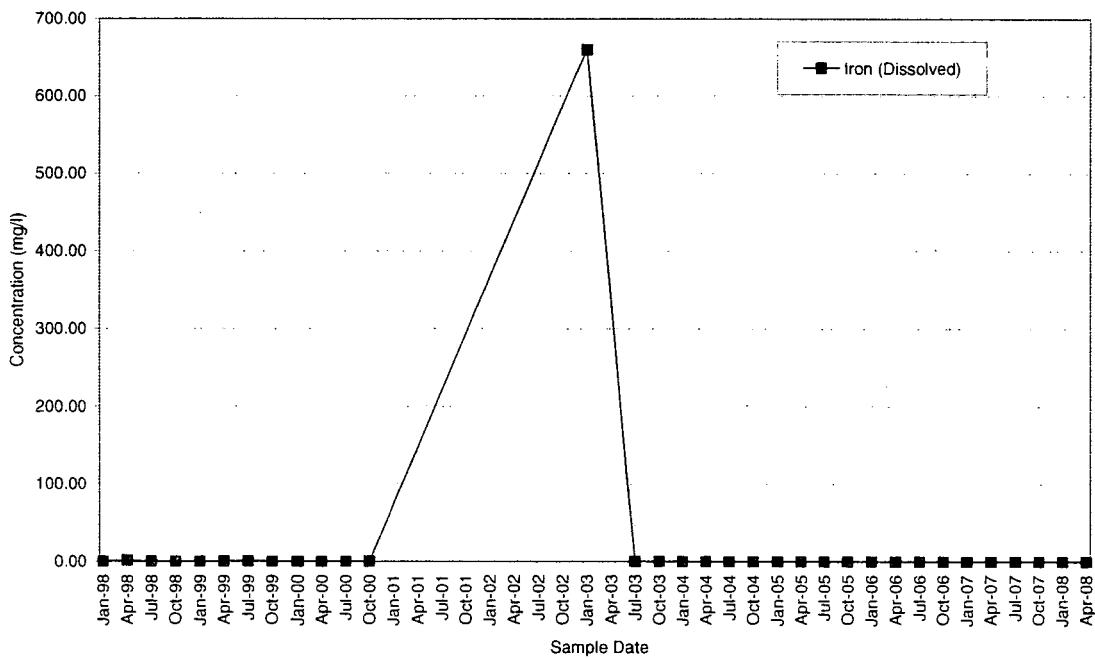
cis 1,2-DICHLOROETHENE

Cleanup Level (ESP) = 70 µg/l

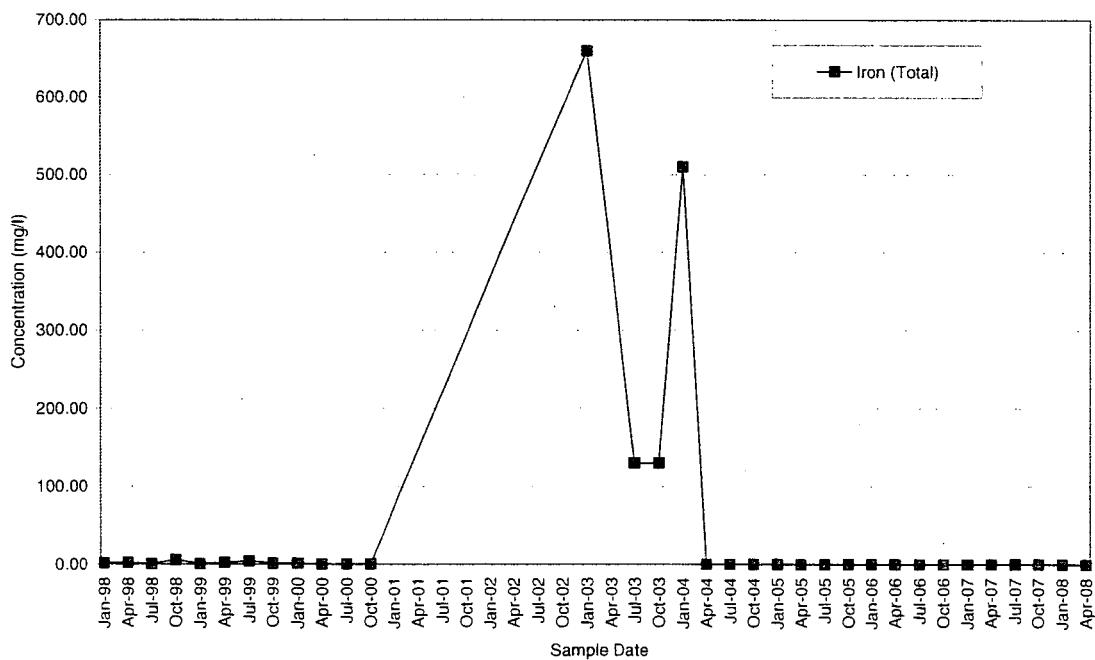


CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

IRON, DISSOLVED

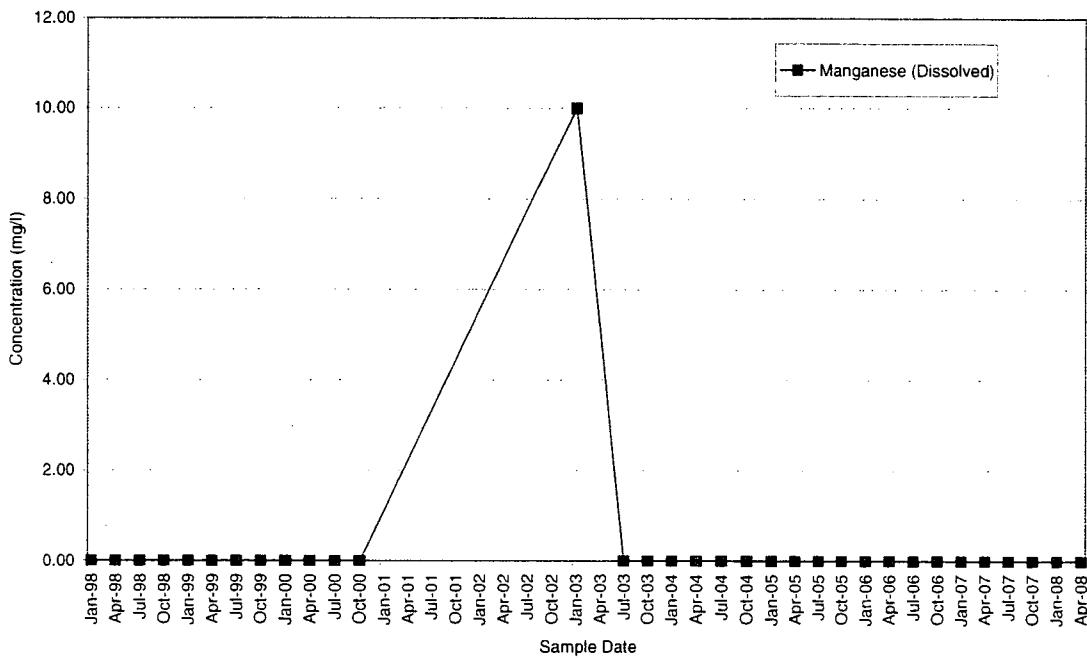


IRON, TOTAL

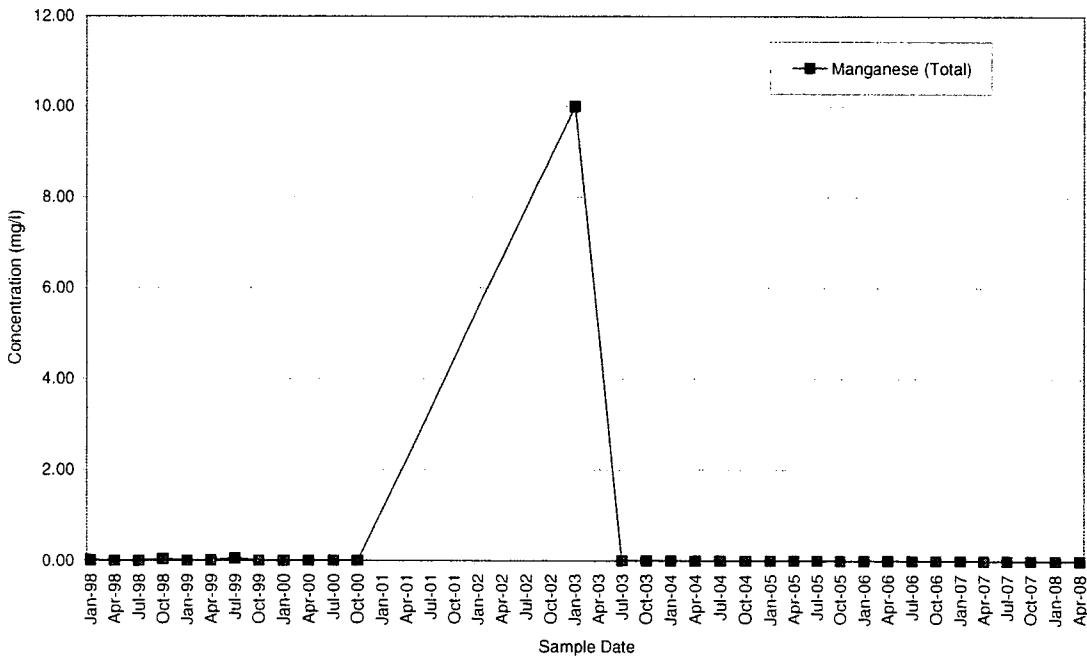


CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

MANGANESE, DISSOLVED



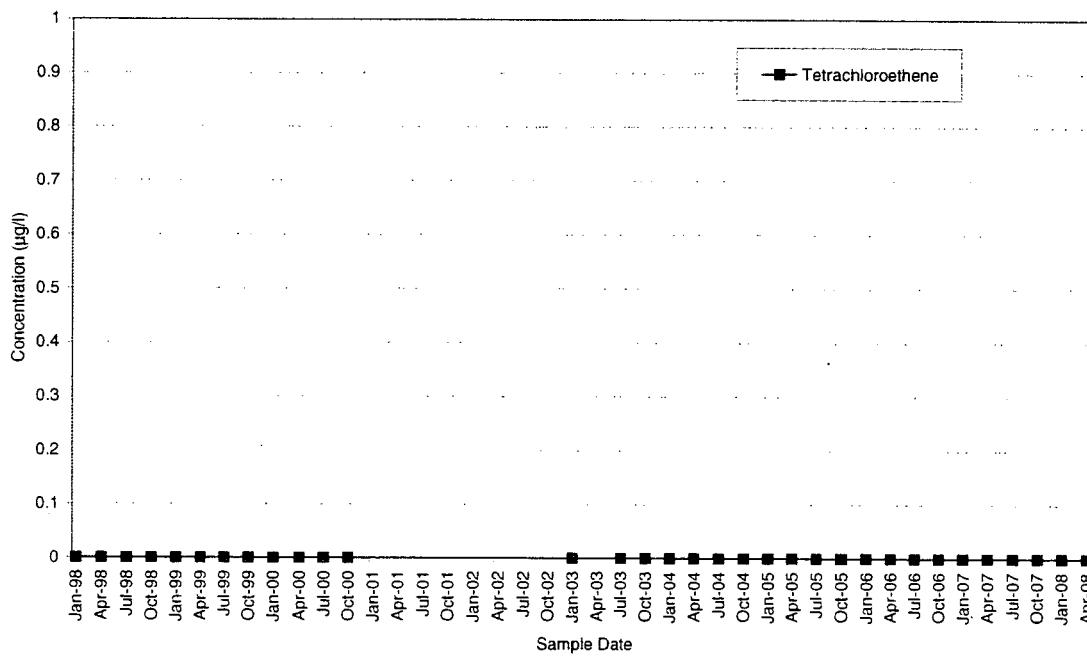
MANGANESE, TOTAL



CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

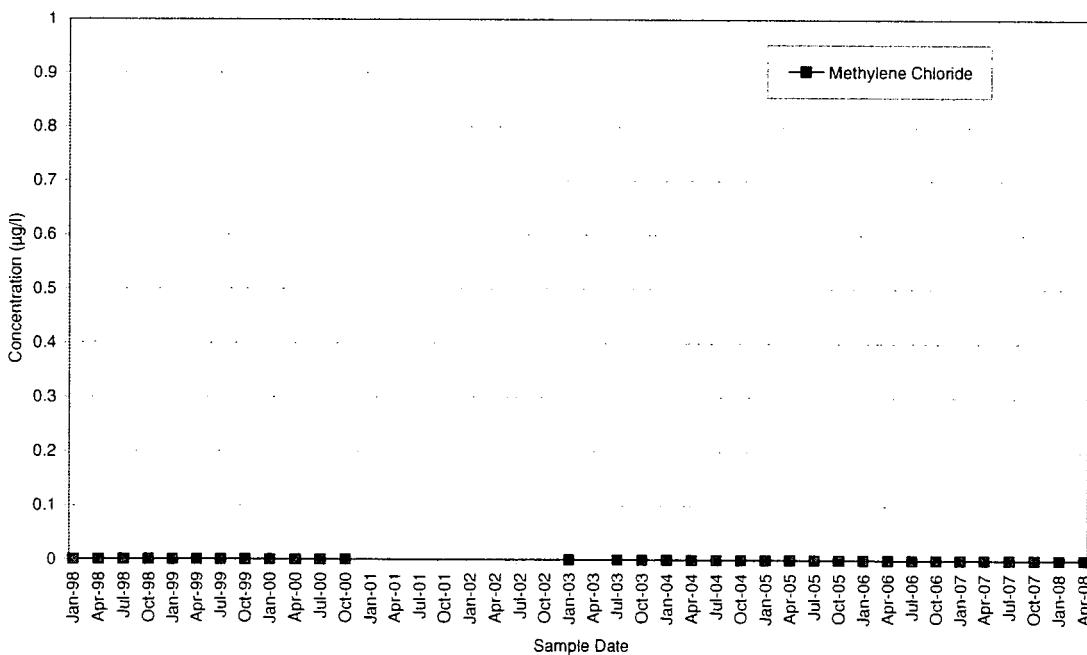
TETRACHLOROETHENE

Cleanup Level (ESP) = 5 µg/l



METHYLENE CHLORIDE

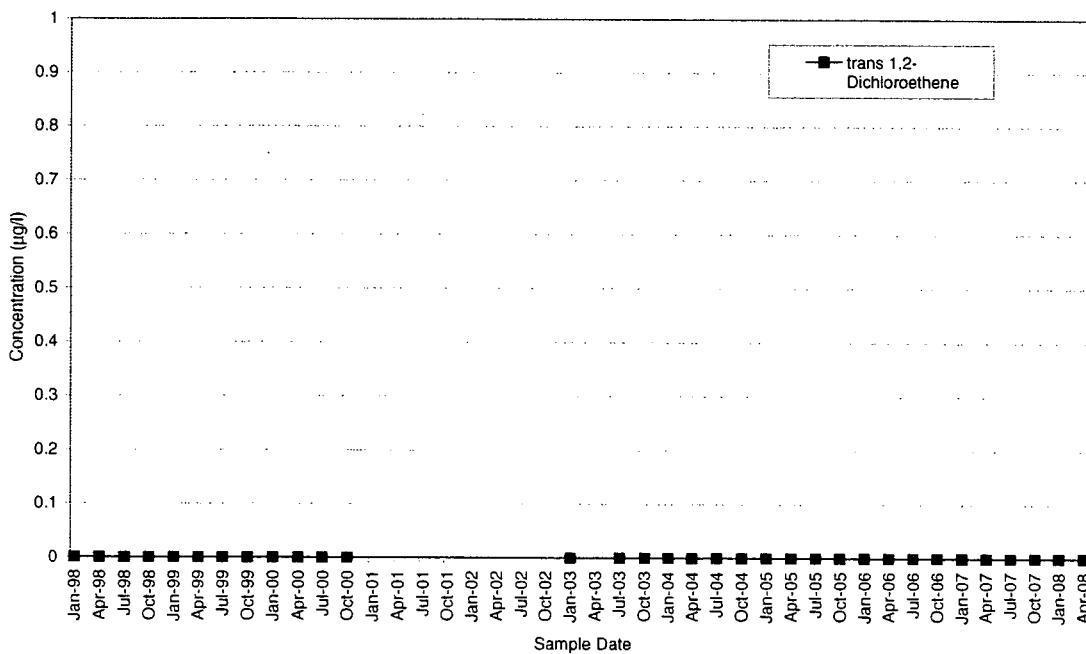
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

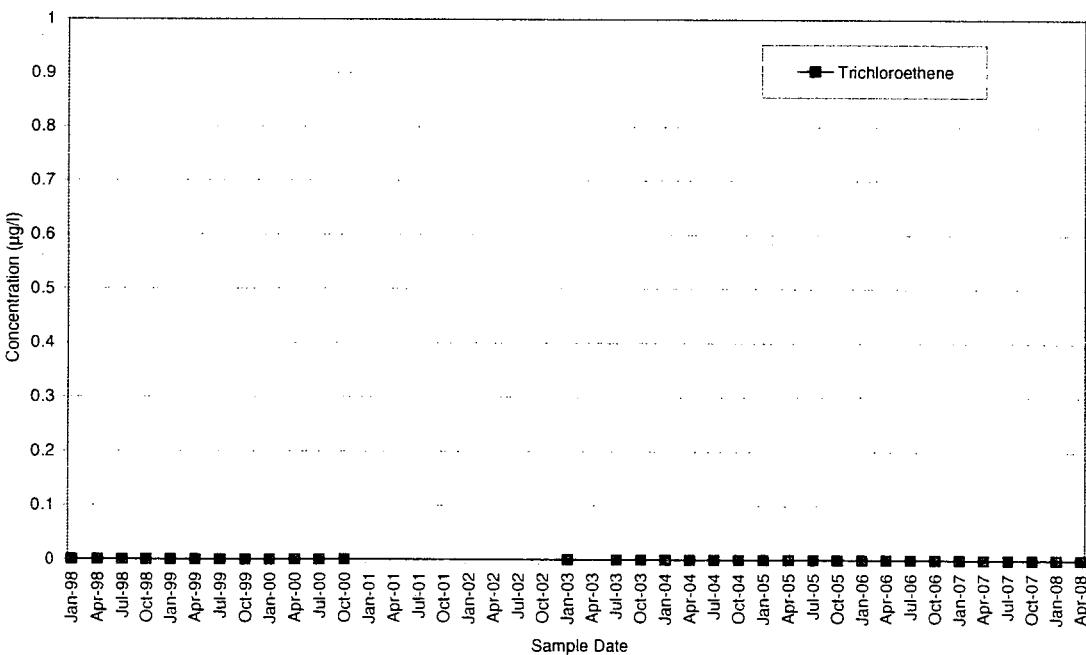
trans 1,2-DICHLOROETHENE

Cleanup Level (ESP) = 100 µg/l



TRICHLOROETHENE

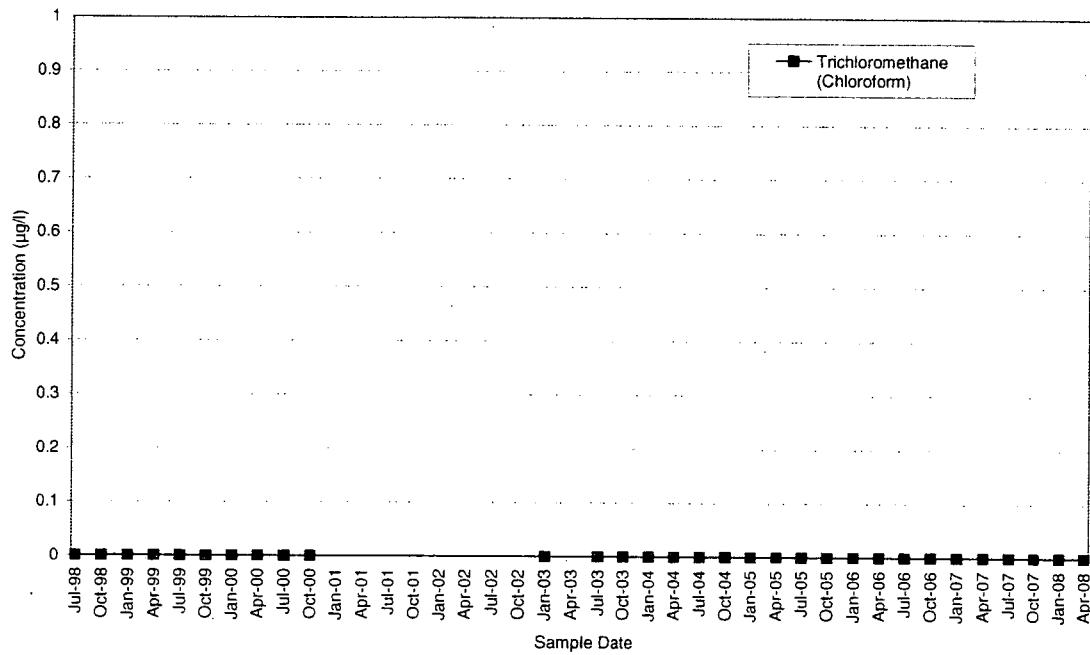
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-4
TIME SERIES CHARTS

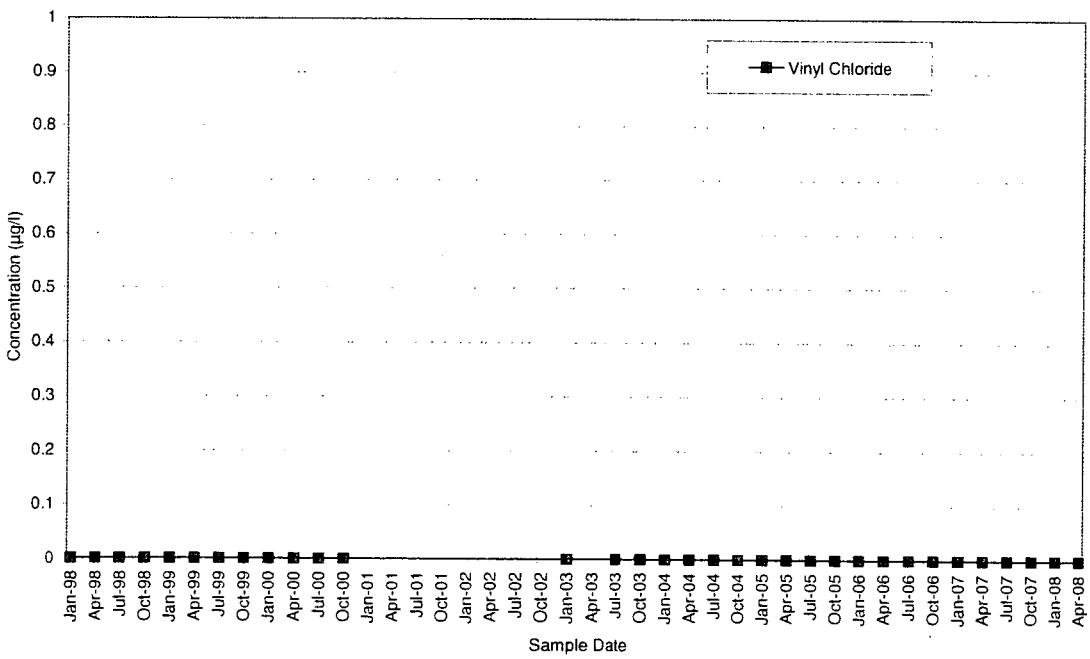
TRICHLOROMETHANE

Cleanup Level (ESP) = 100 µg/l



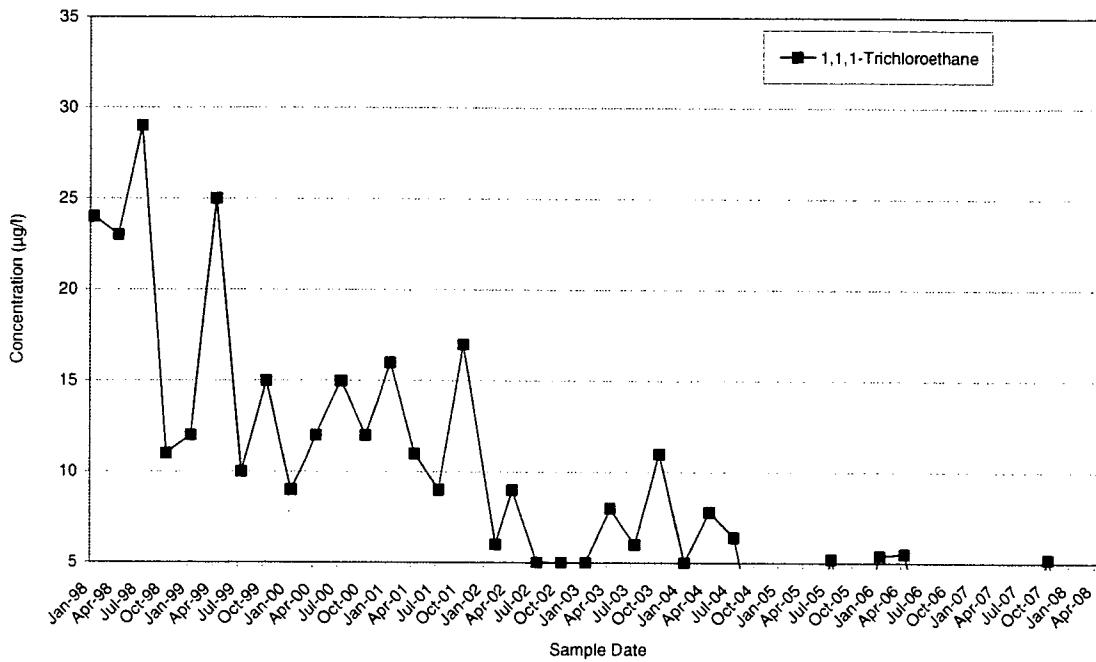
VINYL CHLORIDE

Cleanup Level (ESP) = 2 µg/l

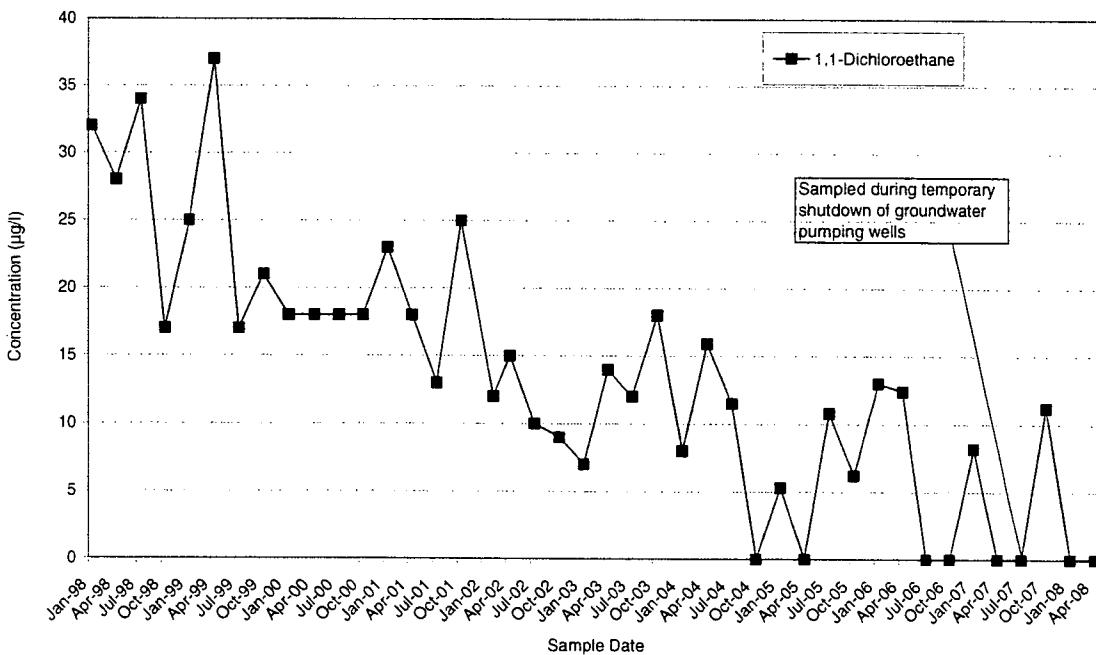


CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

1,1,1-TRICHLOROETHANE
Cleanup Level (ESP) = 200 µg/l

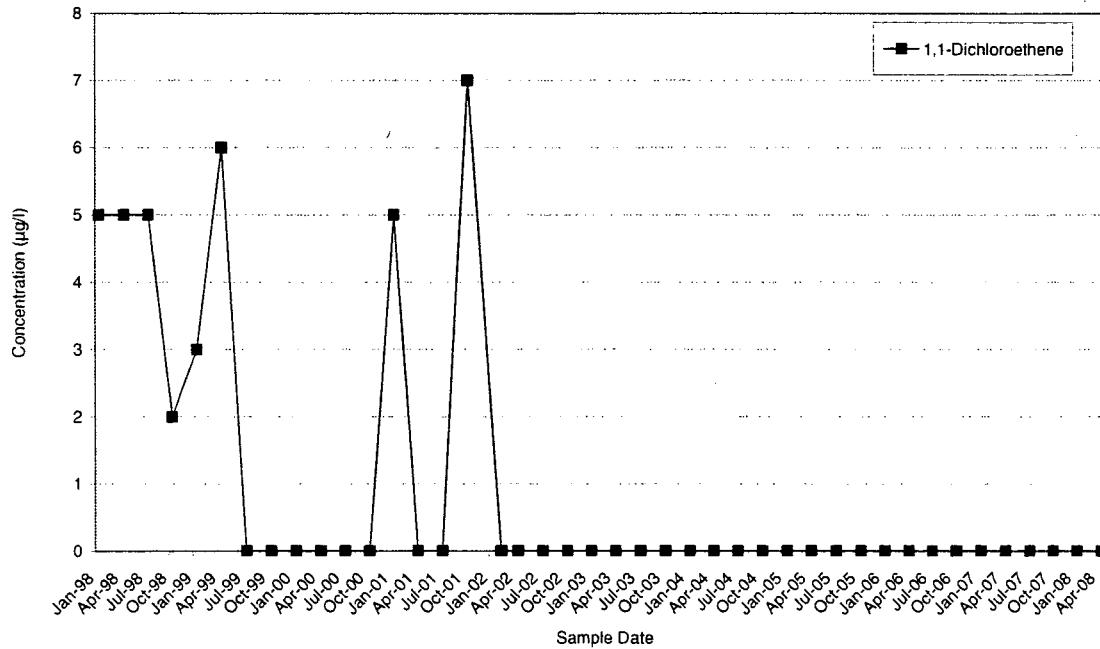


1,1-DICHLOROETHANE
Cleanup Level (ESP) = 27 µg/l

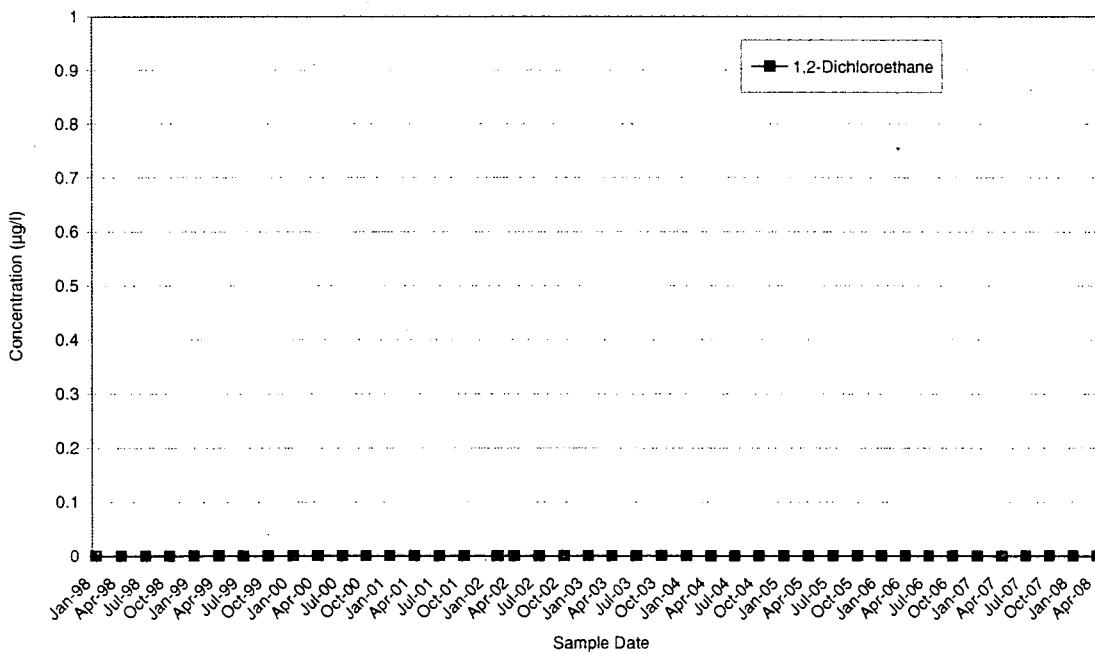


CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

1,1-DICHLOROETHENE
Cleanup Level (ESP) = 7 µg/l



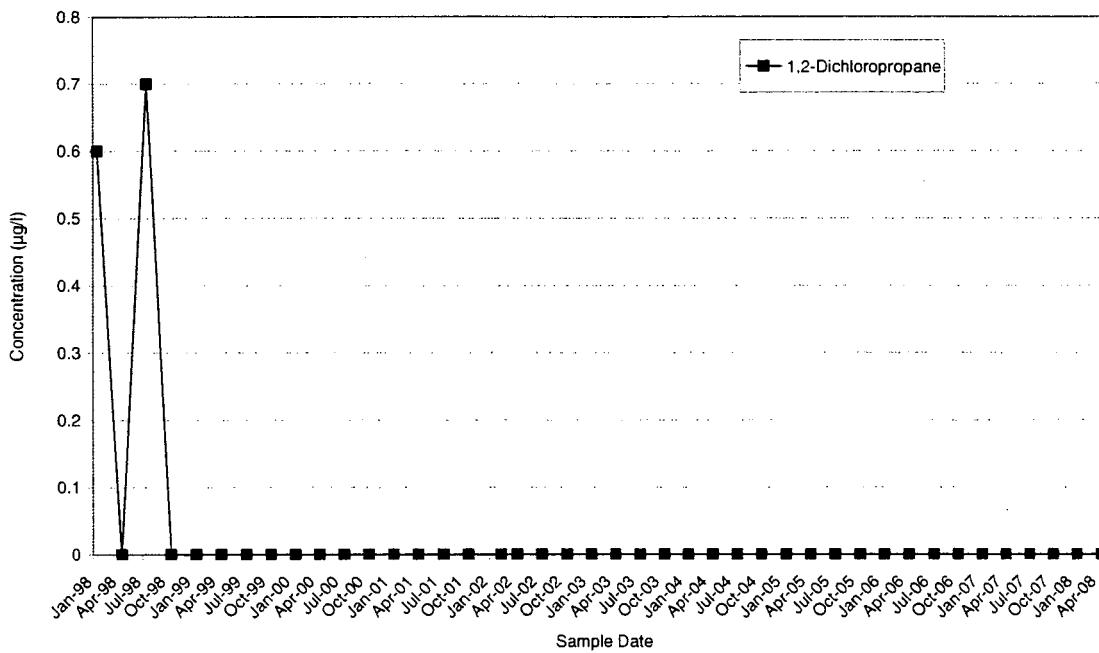
1,2-DICHLOROETHANE
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

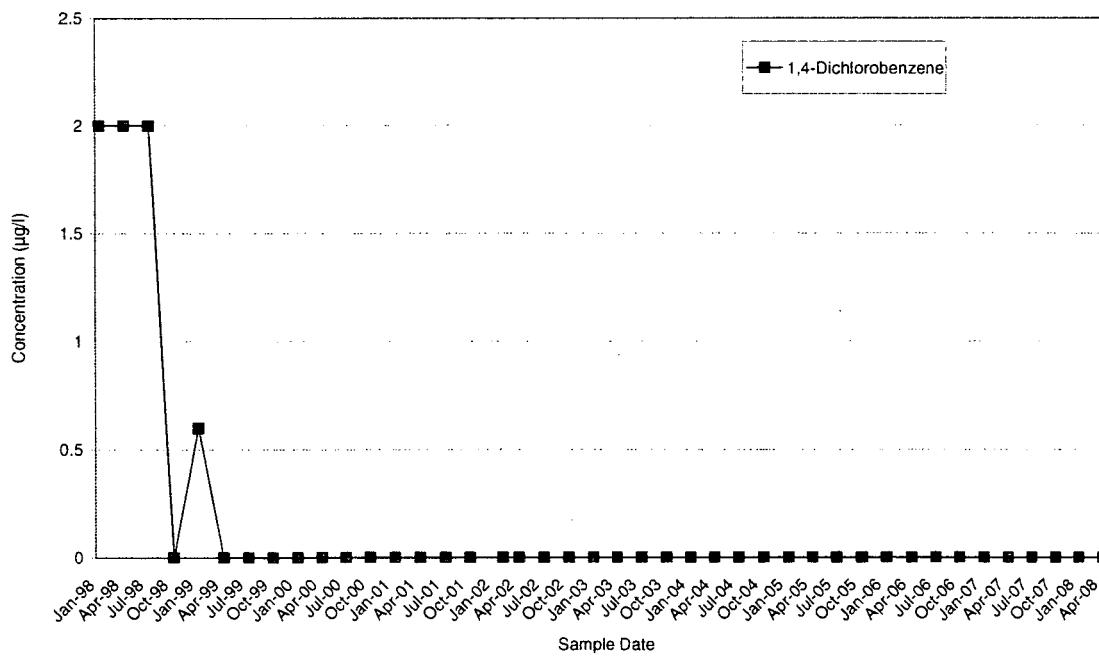
1,2-DICHLOROPROPANE

Cleanup Level (ESP) = 5 µg/l



1,4-DICHLOROBENZENE

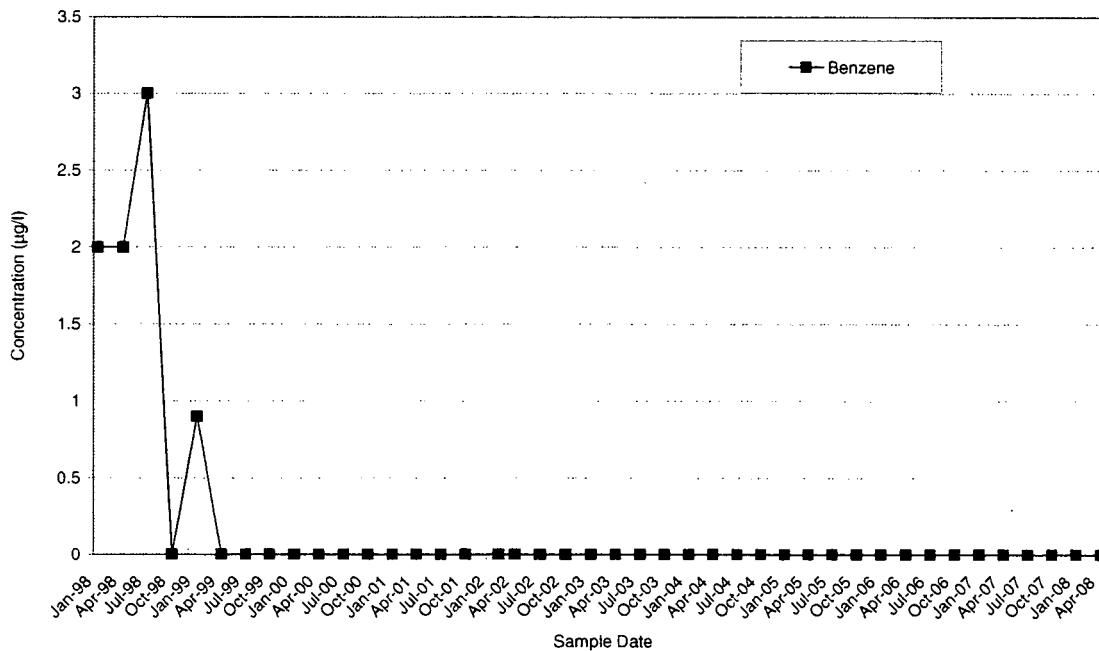
Cleanup Level (ESP) = 75 µg/l



CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

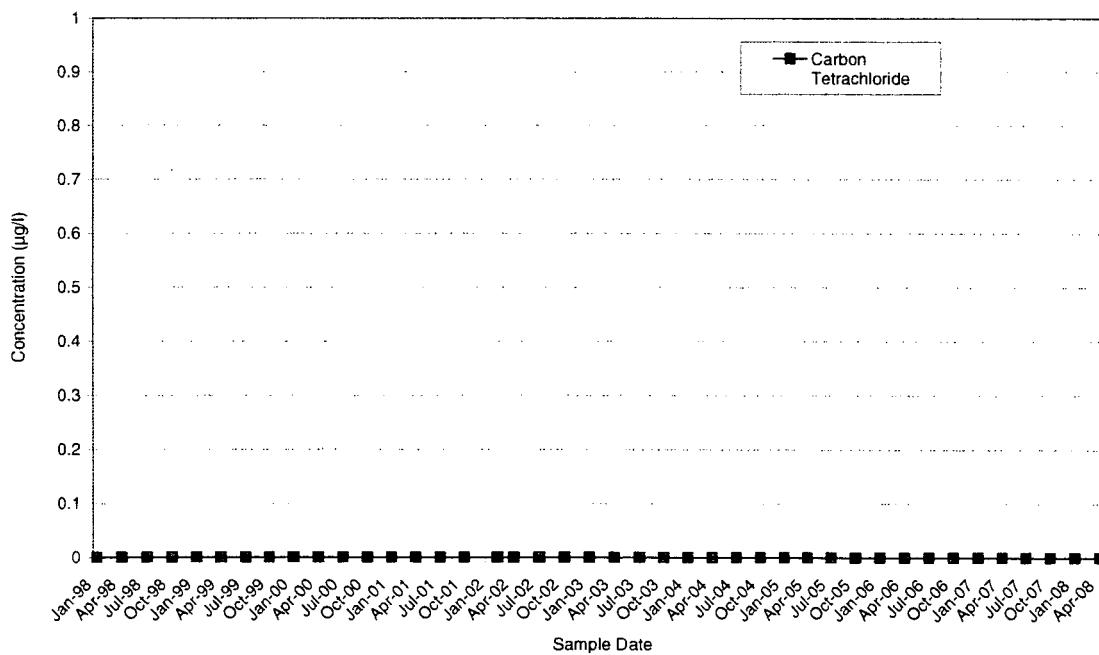
BENZENE

Cleanup Level (ESP) = 5 µg/l



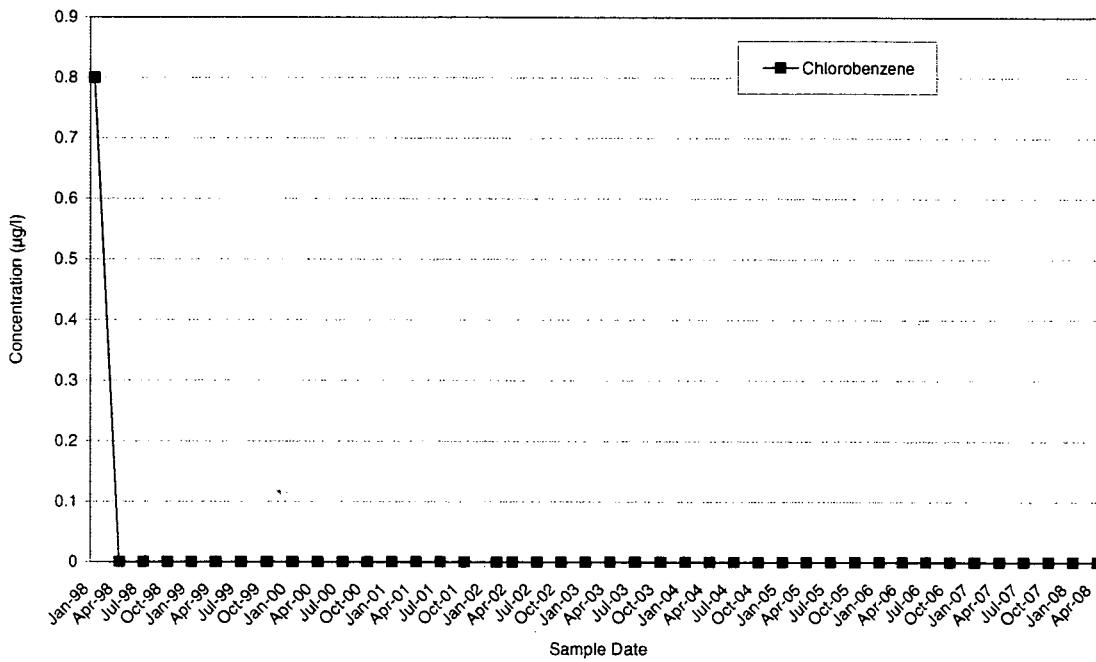
CARBON TETRACHLORIDE

Cleanup Level (ESP) = 5 µg/l

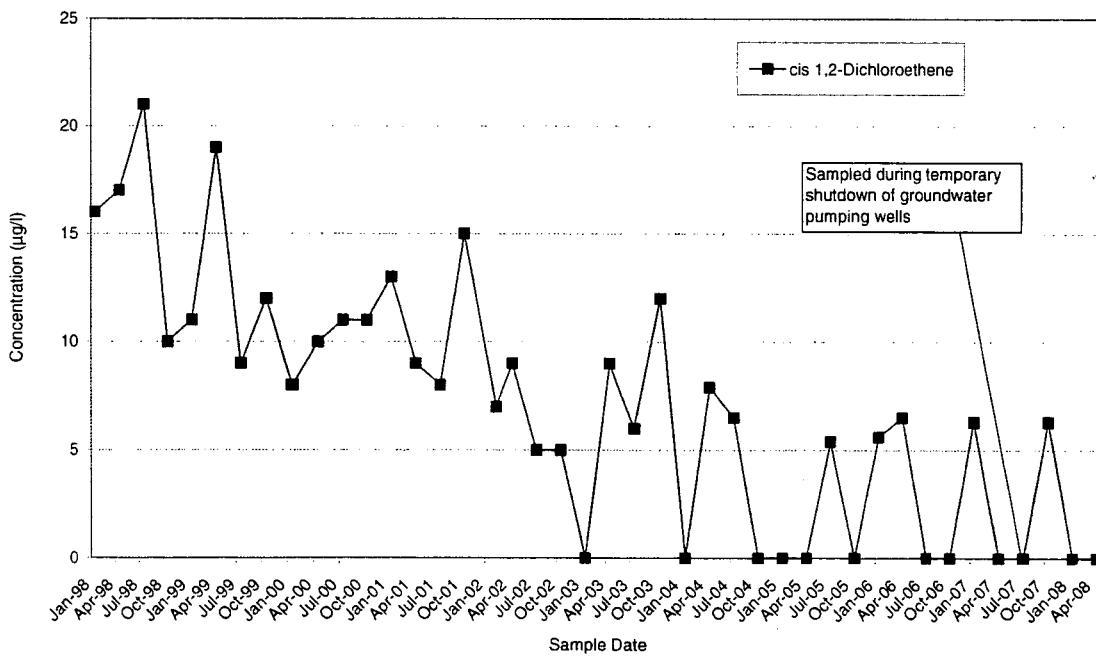


CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

CHLOROBENZENE
 Cleanup Level (ESP) = 100 µg/l

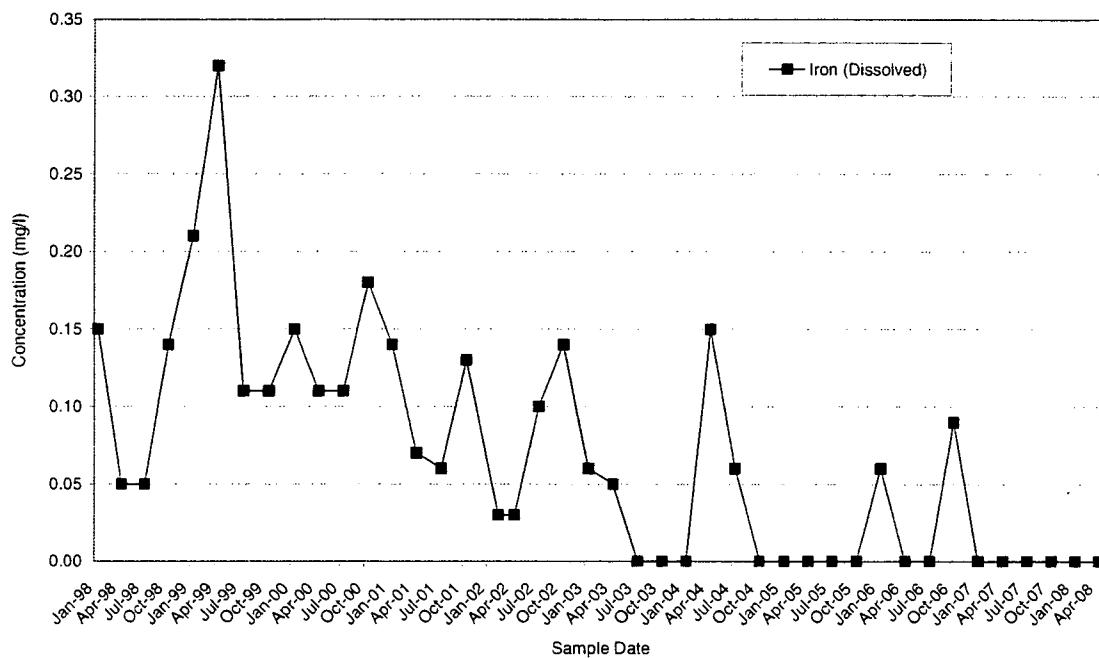


cis 1,2-DICHLOROETHENE
 Cleanup Level (ESP) = 70 µg/l

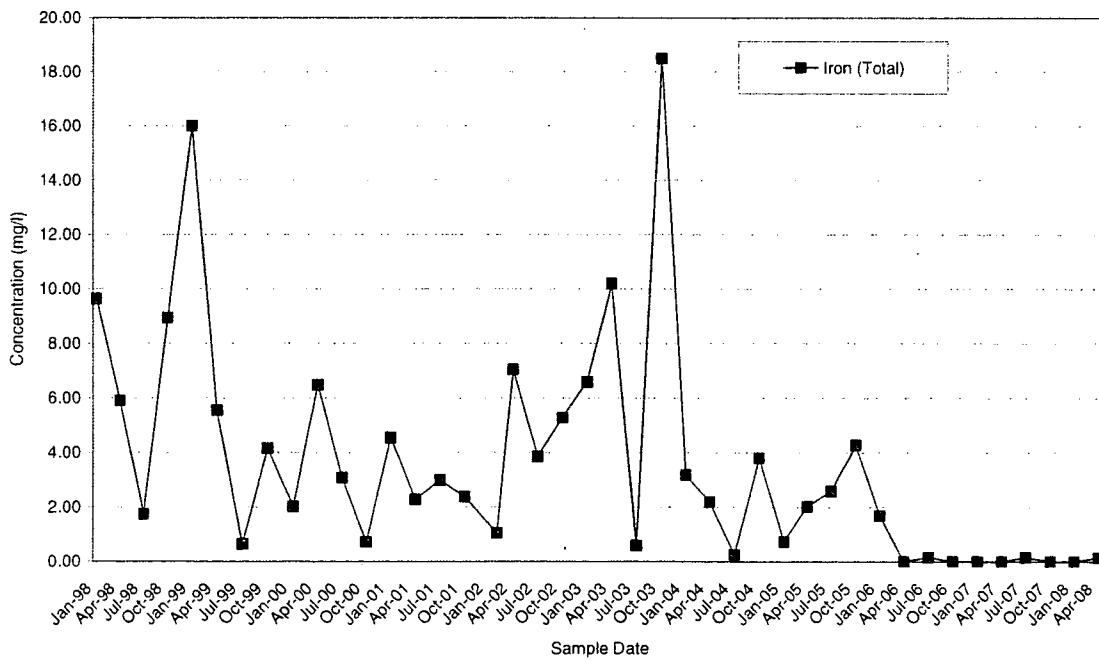


CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

IRON, DISSOLVED

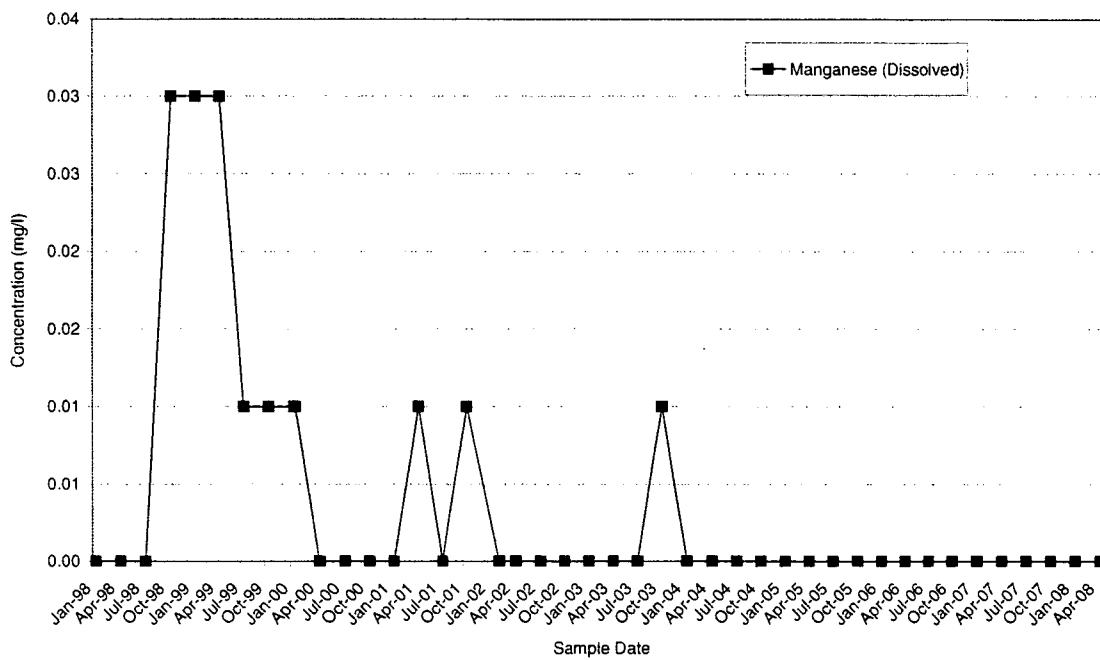


IRON, TOTAL

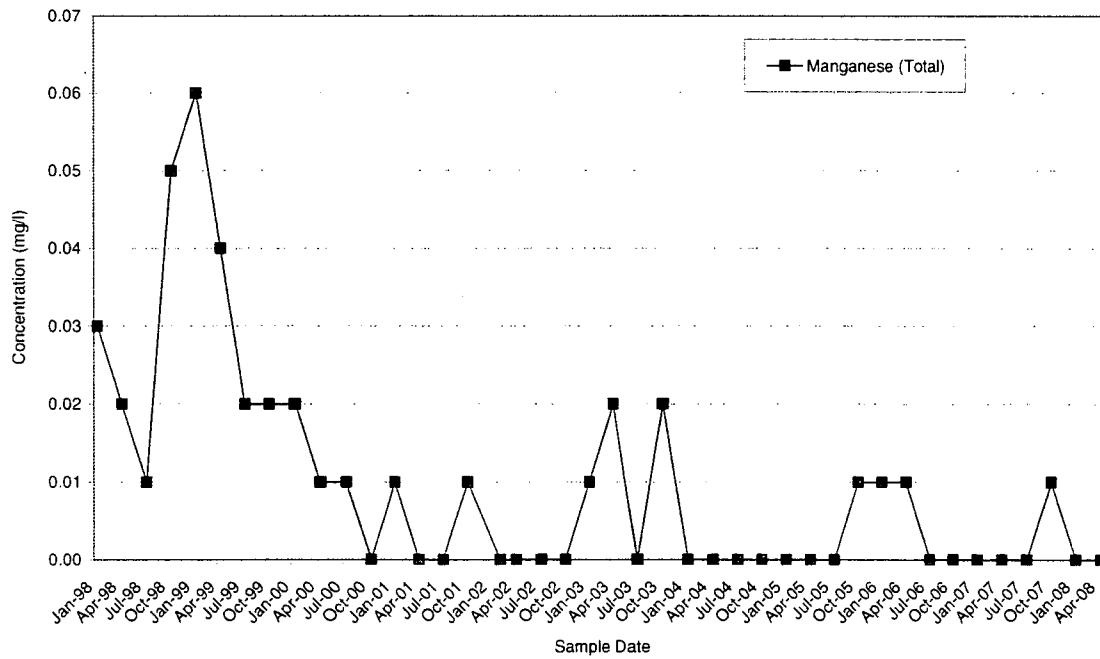


CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

MANGANESE, DISSOLVED

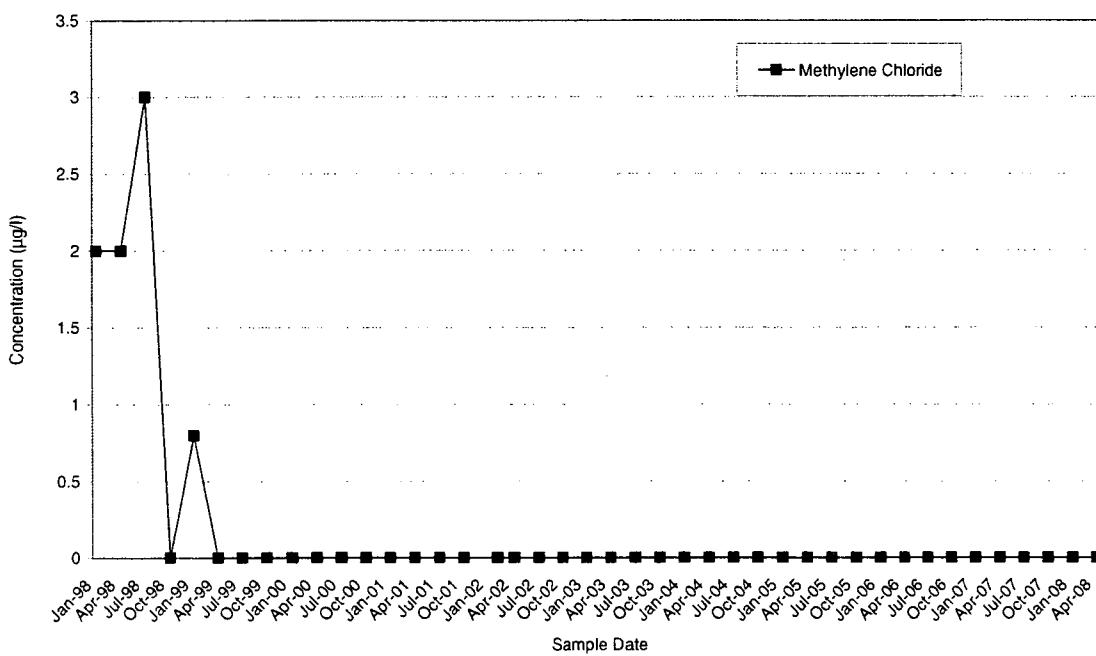


MANGANESE, TOTAL

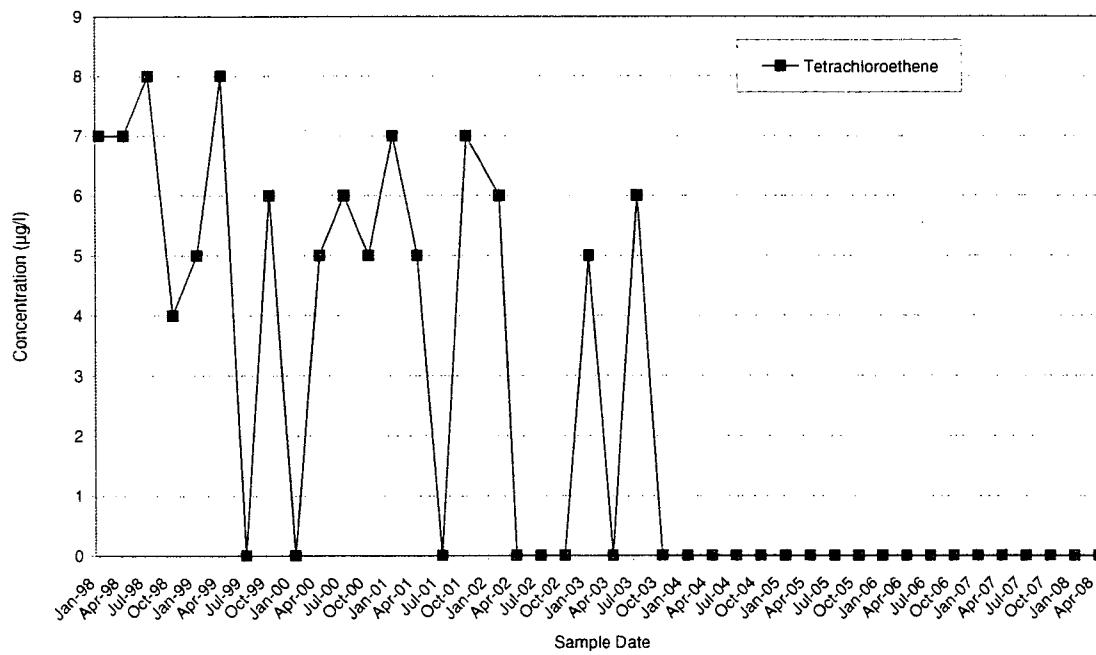


CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

METHYLENE CHLORIDE
Cleanup Level (ESP) = 5 µg/l



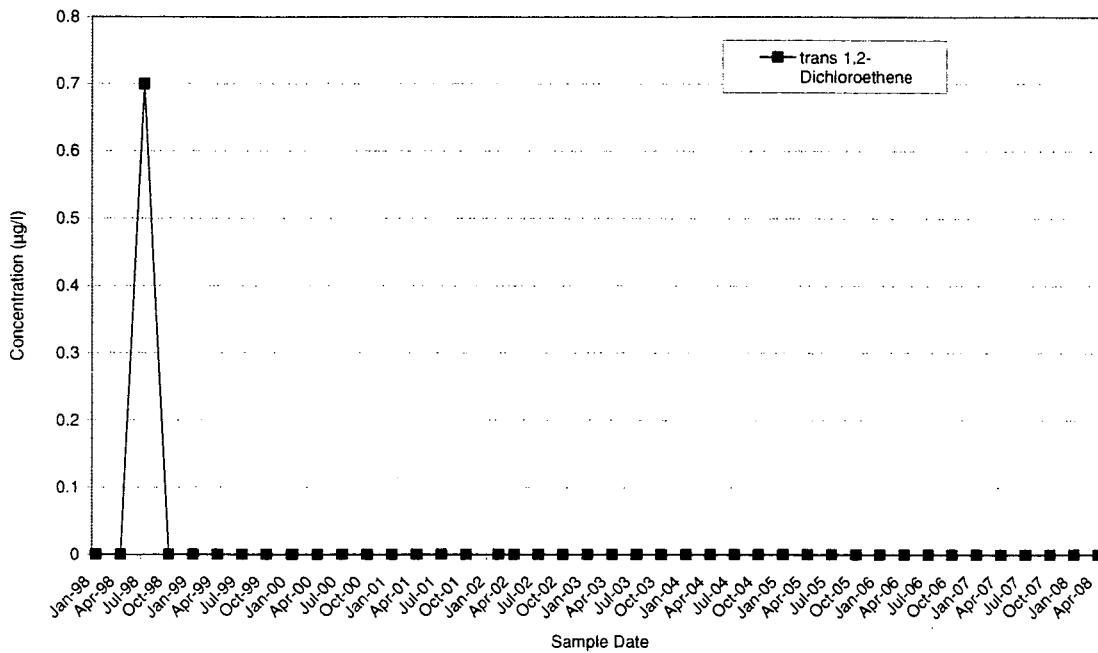
TETRACHLOROETHENE
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

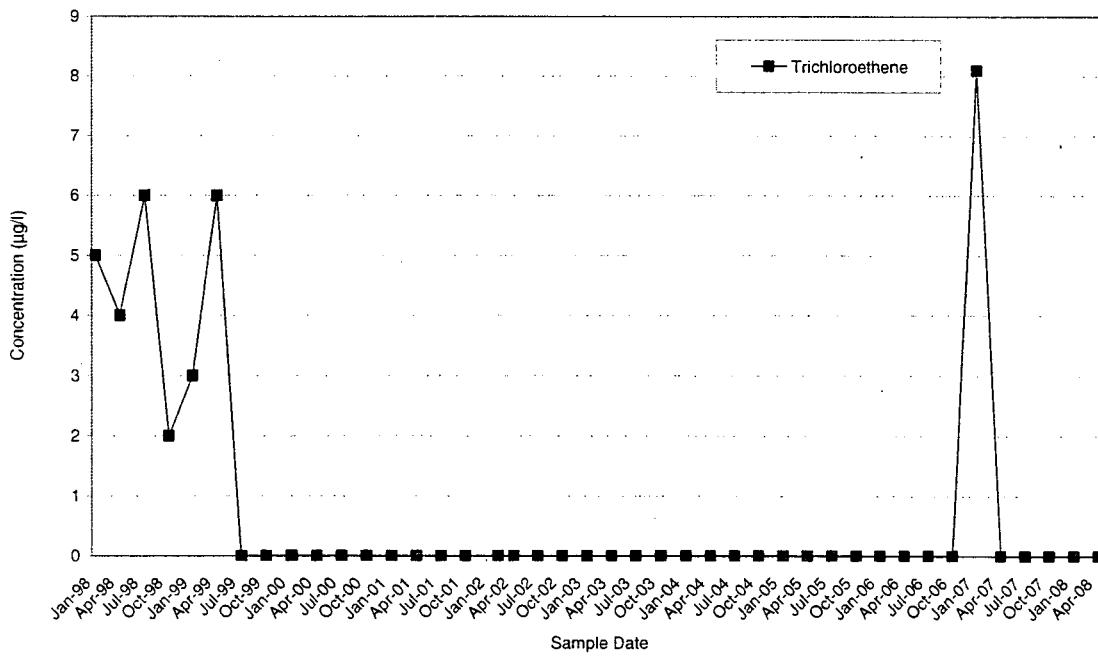
trans 1,2-DICHLOROETHENE

Cleanup Level (ESP) = 100 µg/l



TRICHLOROETHENE

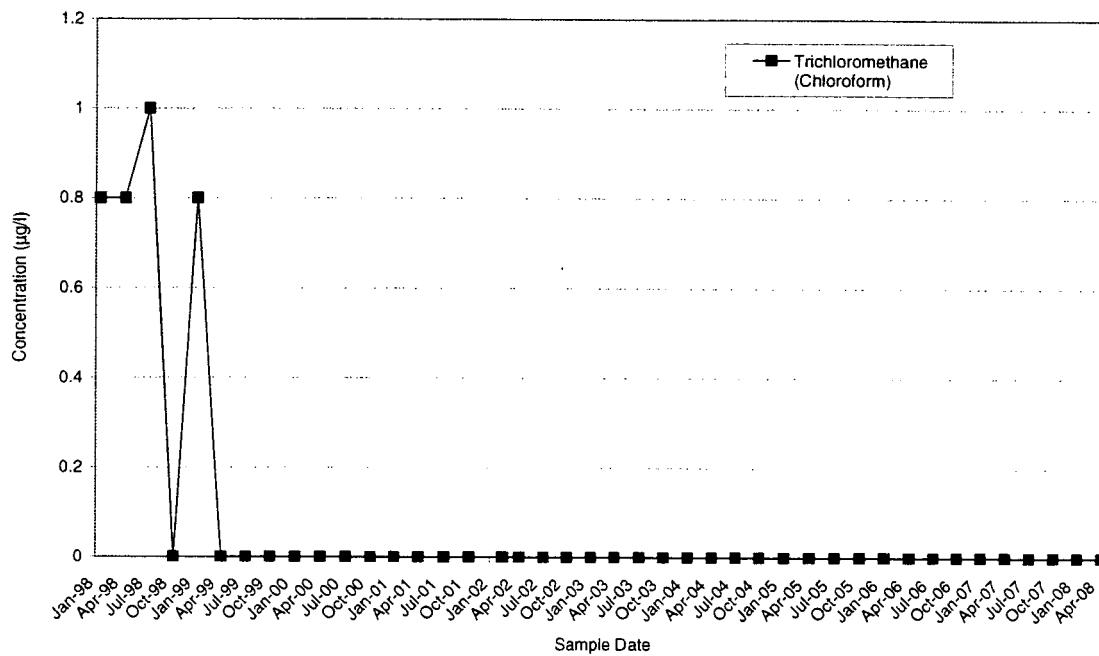
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-10
TIME SERIES CHARTS

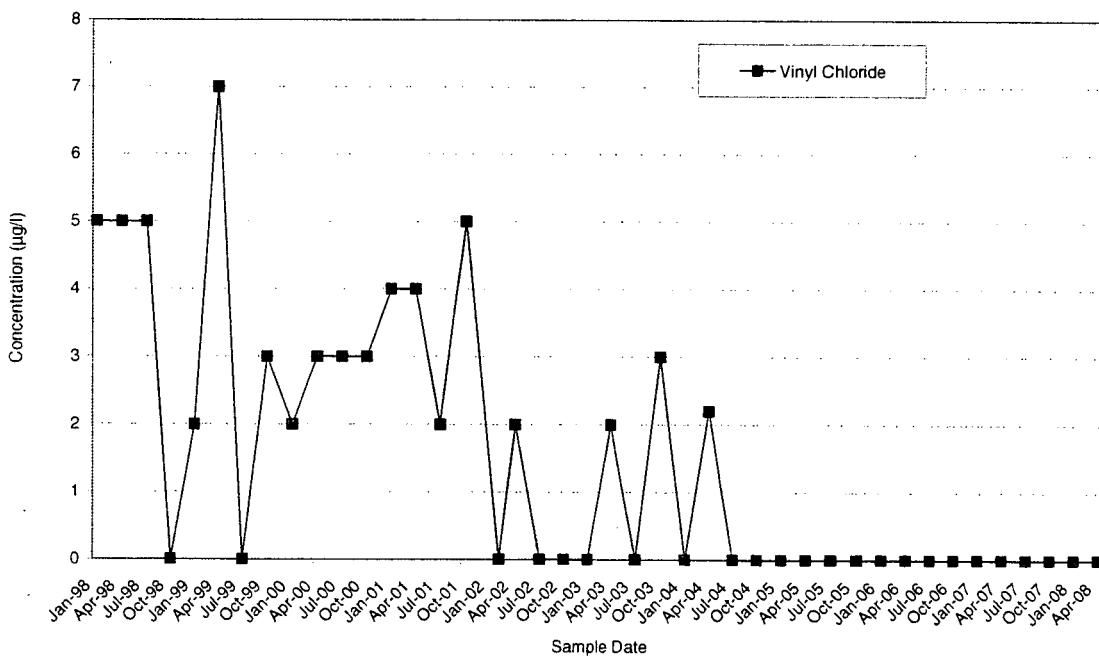
TRICHLOROMETHANE

Cleanup Level (ESP) = 100 µg/l



VINYL CHLORIDE

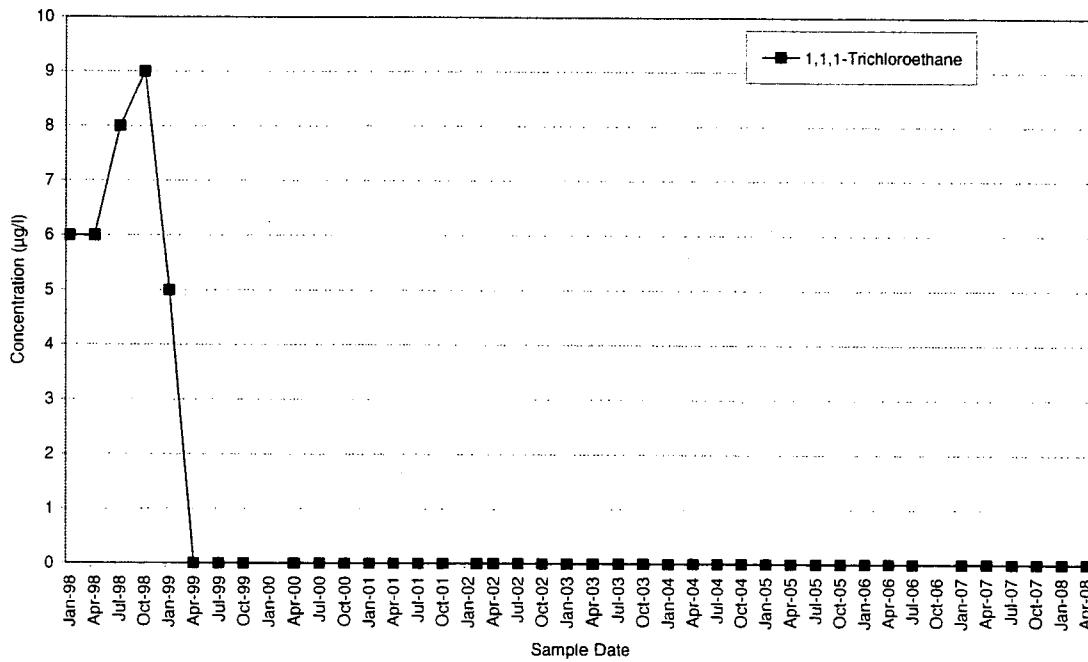
Cleanup Level (ESP) = 2 µg/l



CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

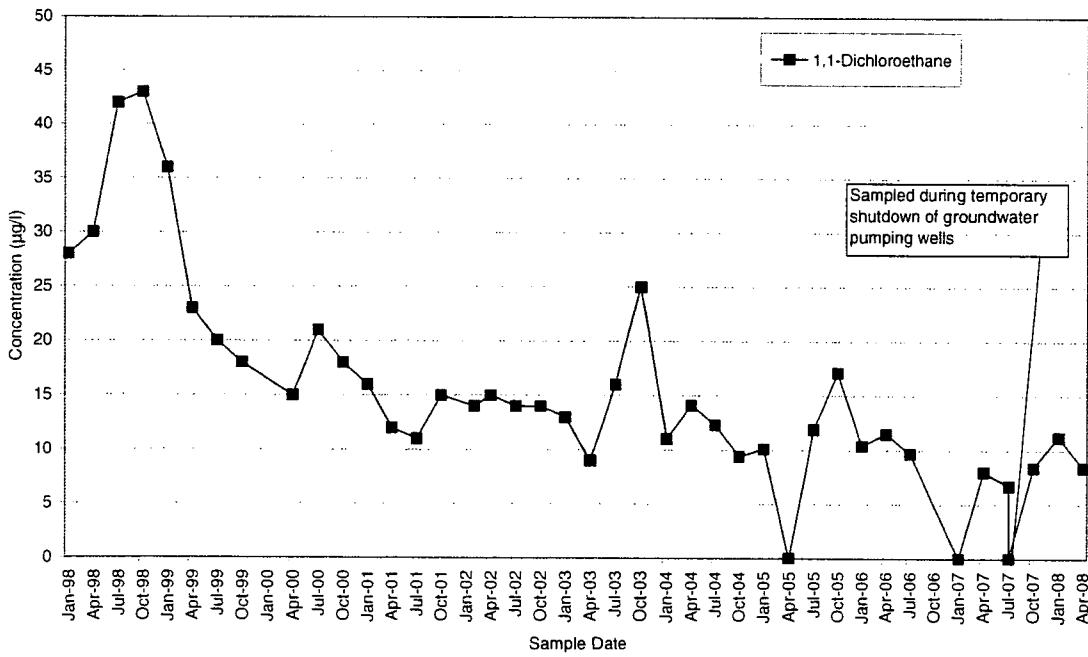
1,1,1-TRICHLOROETHANE

Cleanup Level (ESP) = 200 µg/l



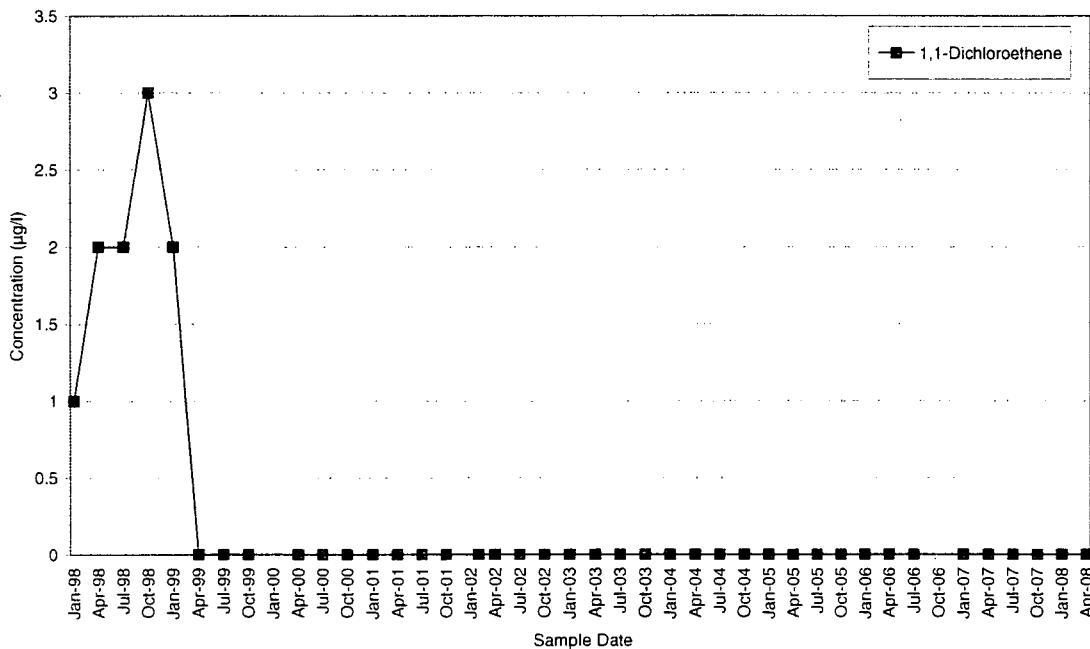
1,1-DICHLOROETHANE

Cleanup Level (ESP) = 27 µg/l

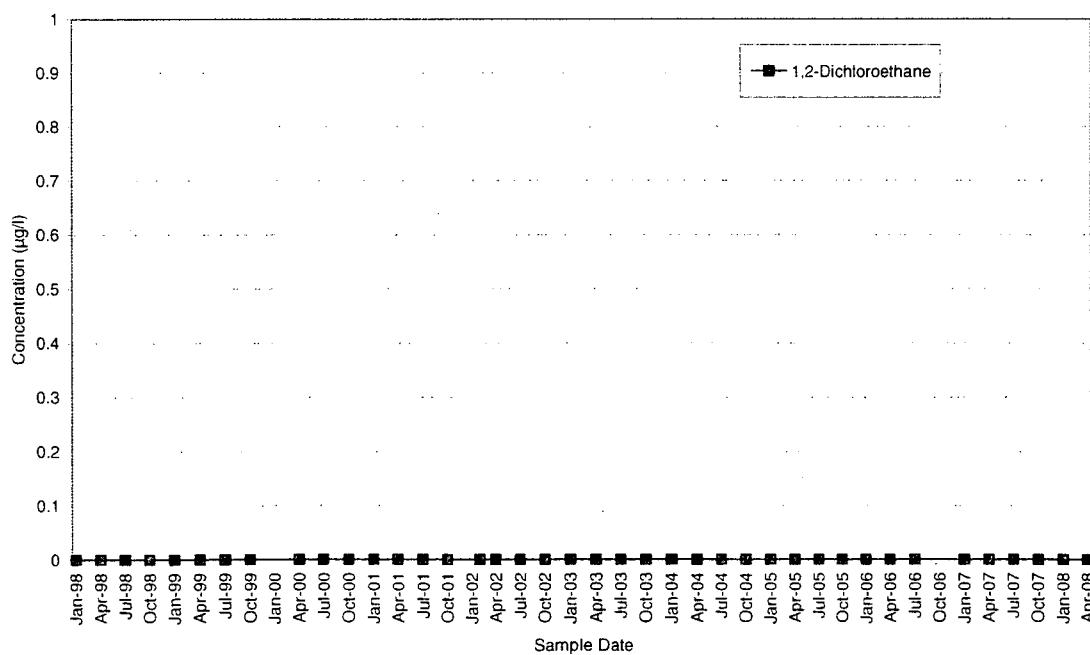


CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

1,1-DICHLOROETHENE
Cleanup Level (ESP) = 7 µg/l

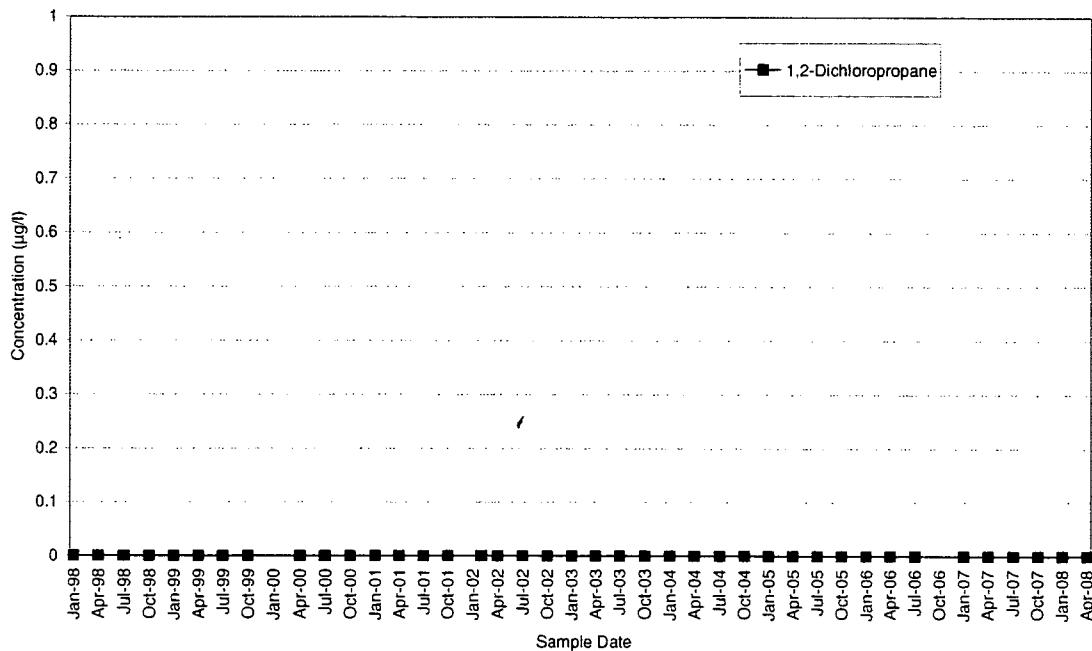


1,2-DICHLOROETHANE
Cleanup Level (ESP) = 5 µg/l

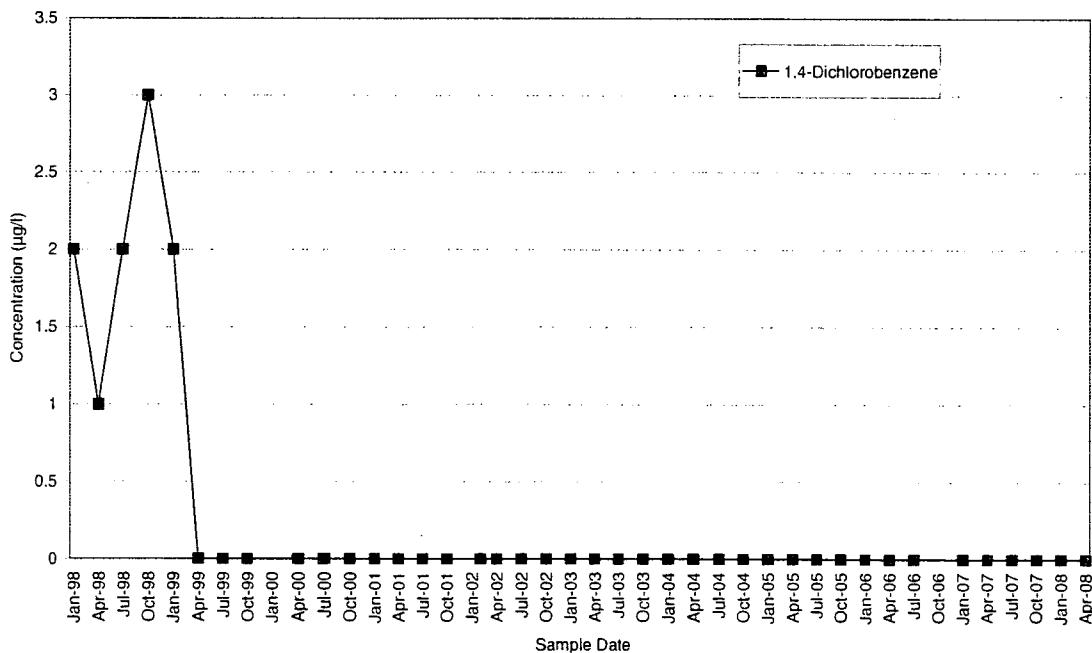


CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

1,2-DICHLOROPROPANE
Cleanup Level (ESP) = 5 µg/l

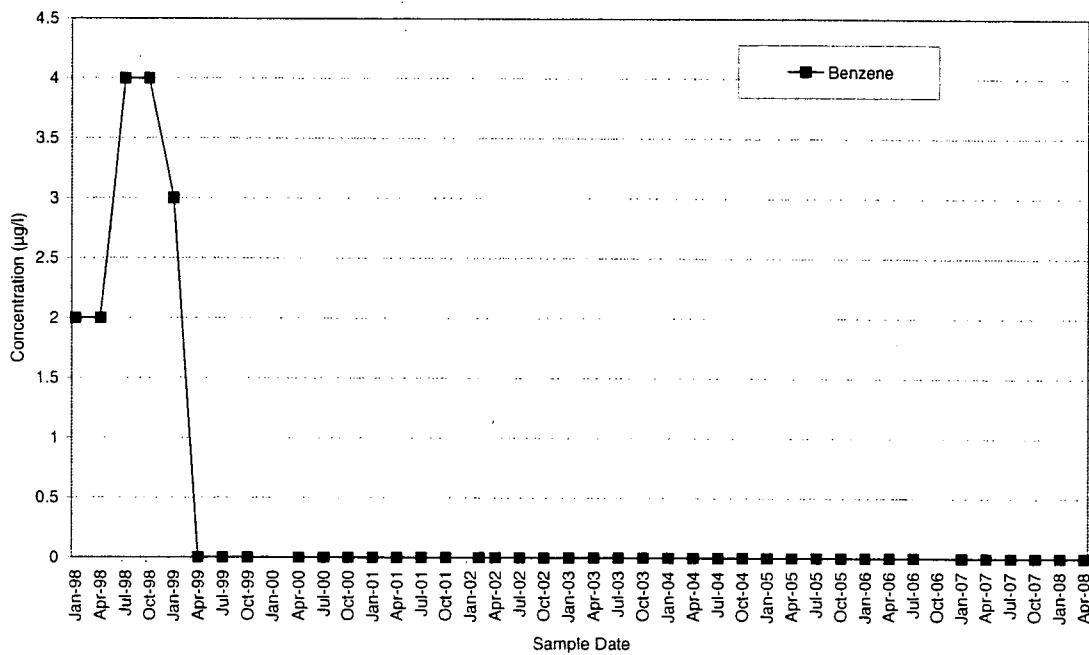


1,4-DICHLOROBENZENE
Cleanup Level (ESP) = 75 µg/l

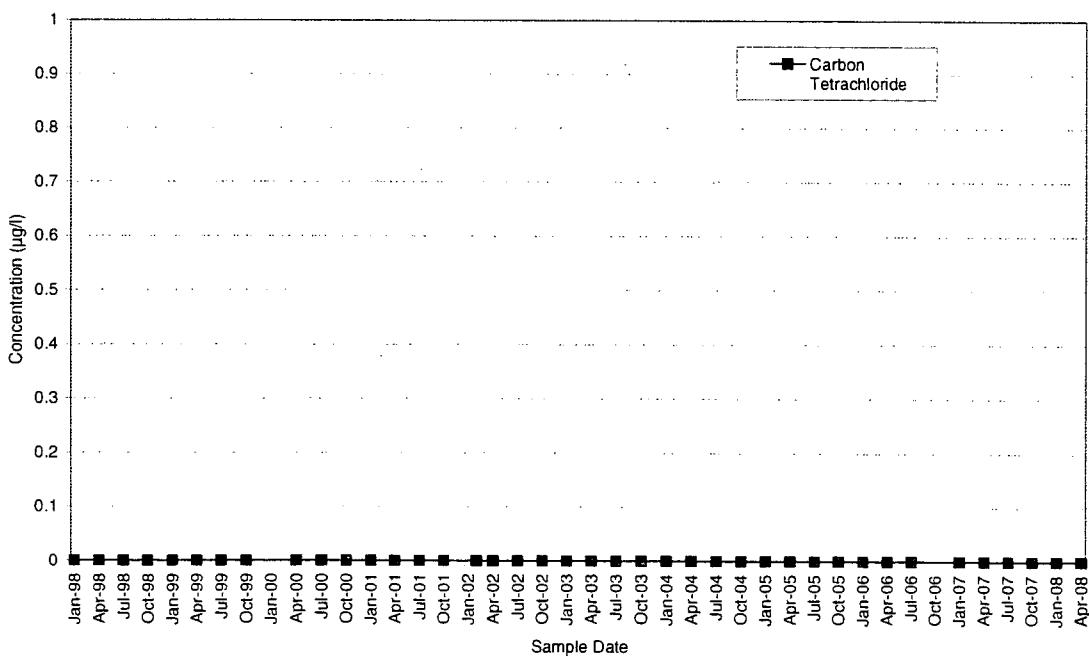


CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

BENZENE
Cleanup Level (ESP) = 5 µg/l

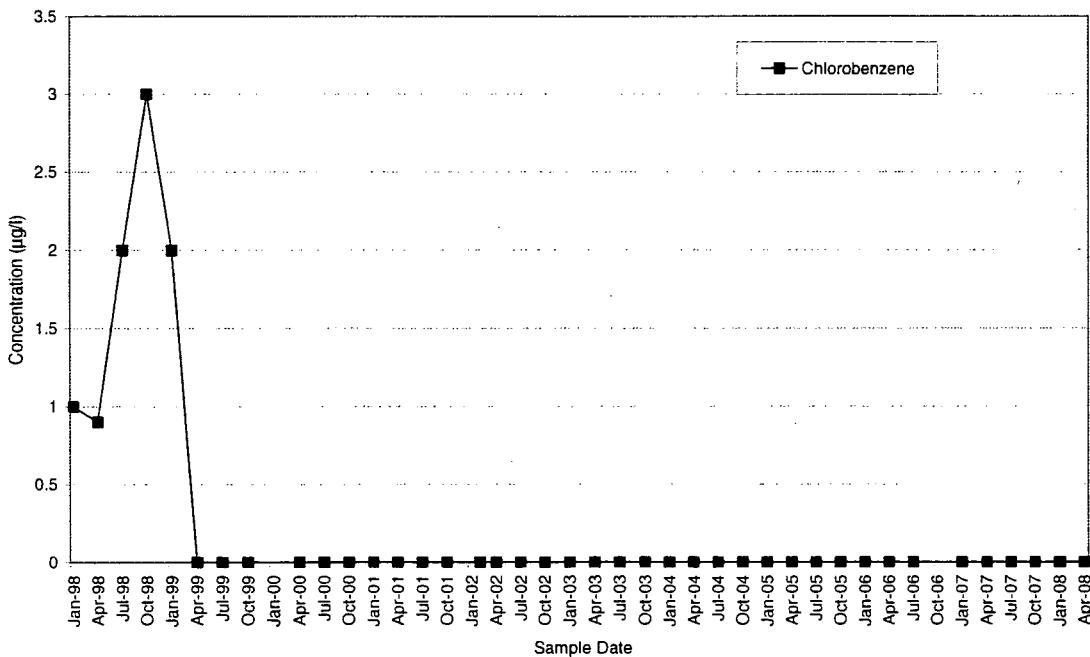


CARBON TETRACHLORIDE
Cleanup Level (ESP) = 5 µg/l

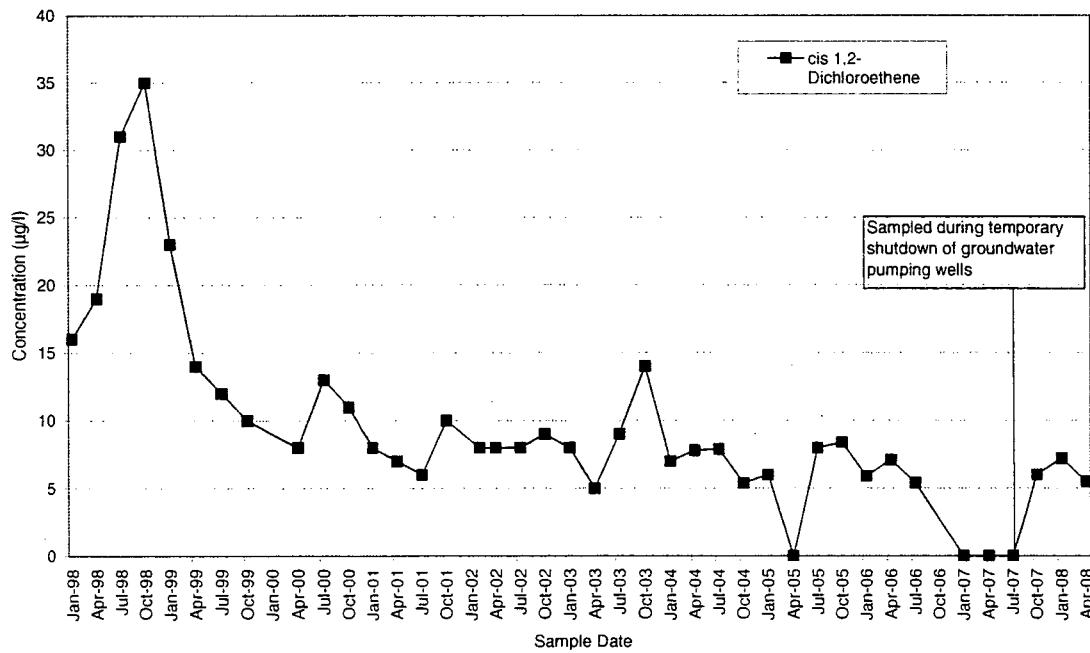


CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

CHLOROBENZENE
 Cleanup Level (ESP) = 100 µg/l

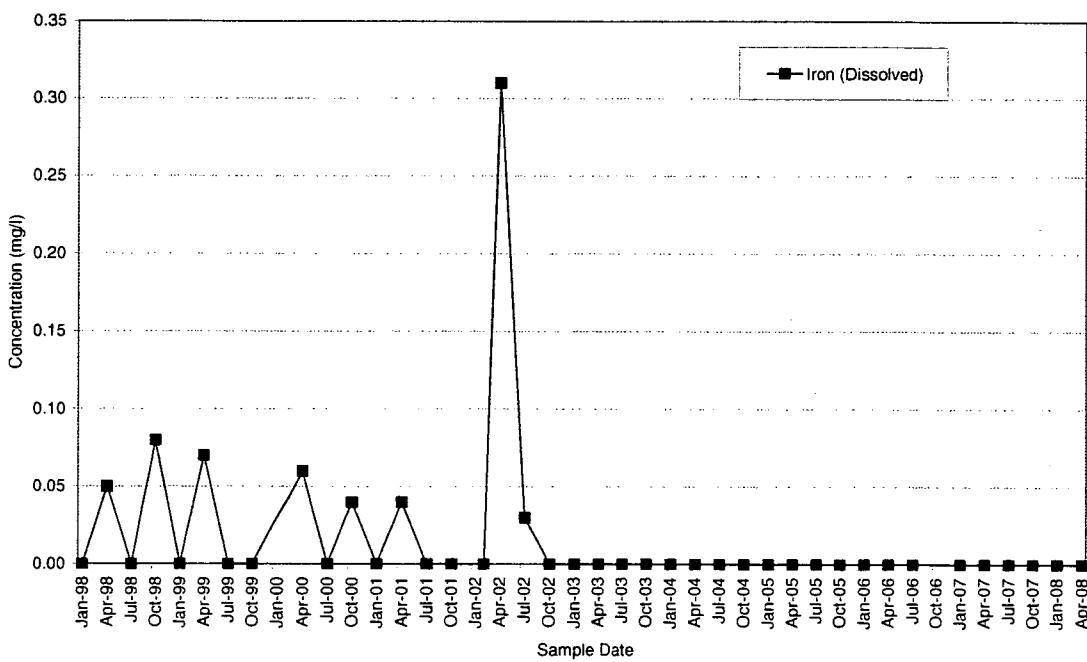


cis 1,2-DICHLOROETHENE
 Cleanup Level (ESP) = 70 µg/l

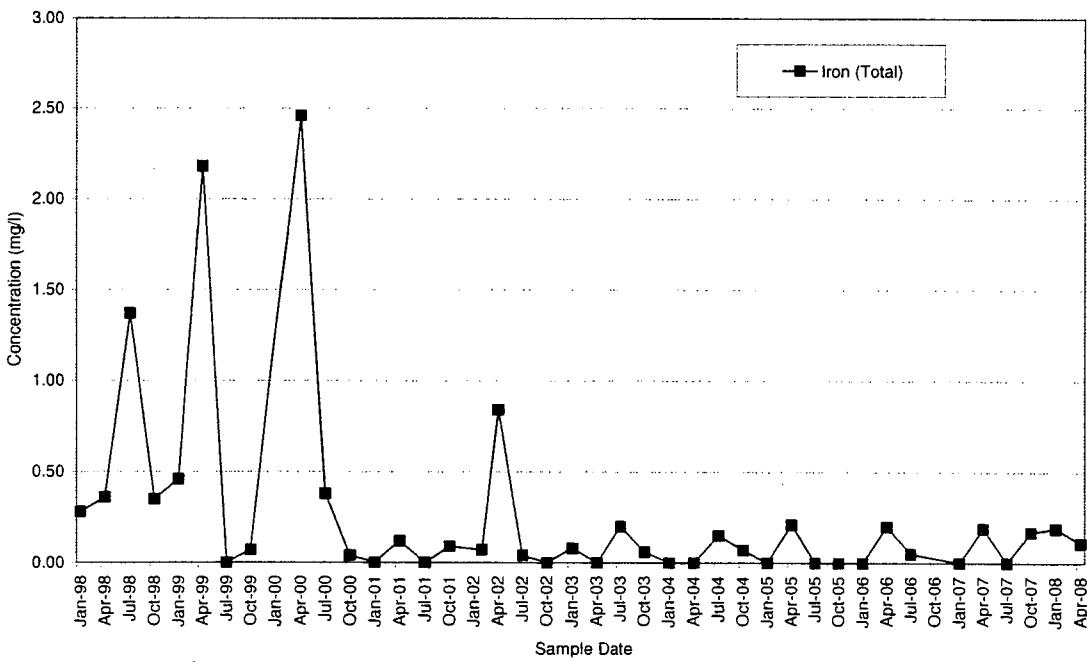


CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

IRON, DISSOLVED

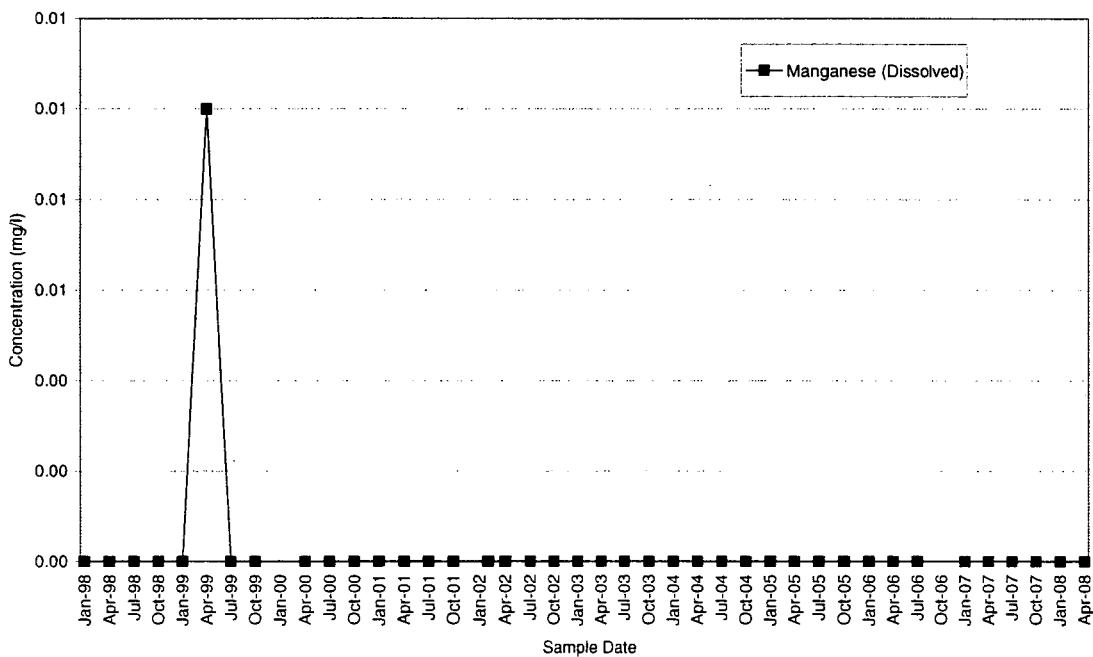


IRON, TOTAL

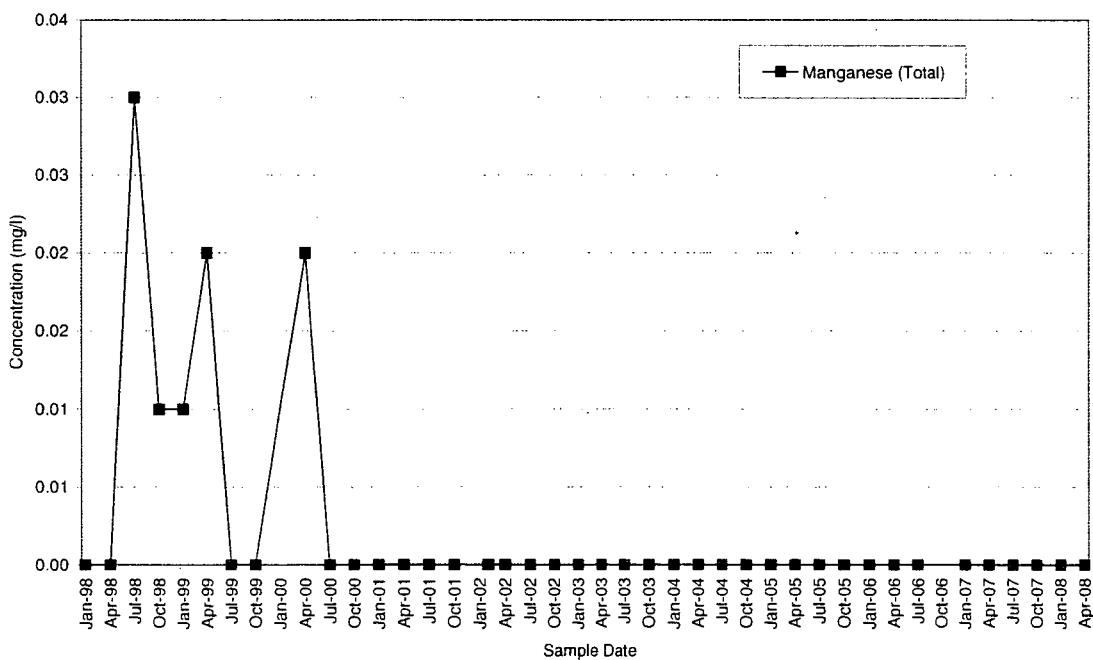


CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

MANGANESE, DISSOLVED



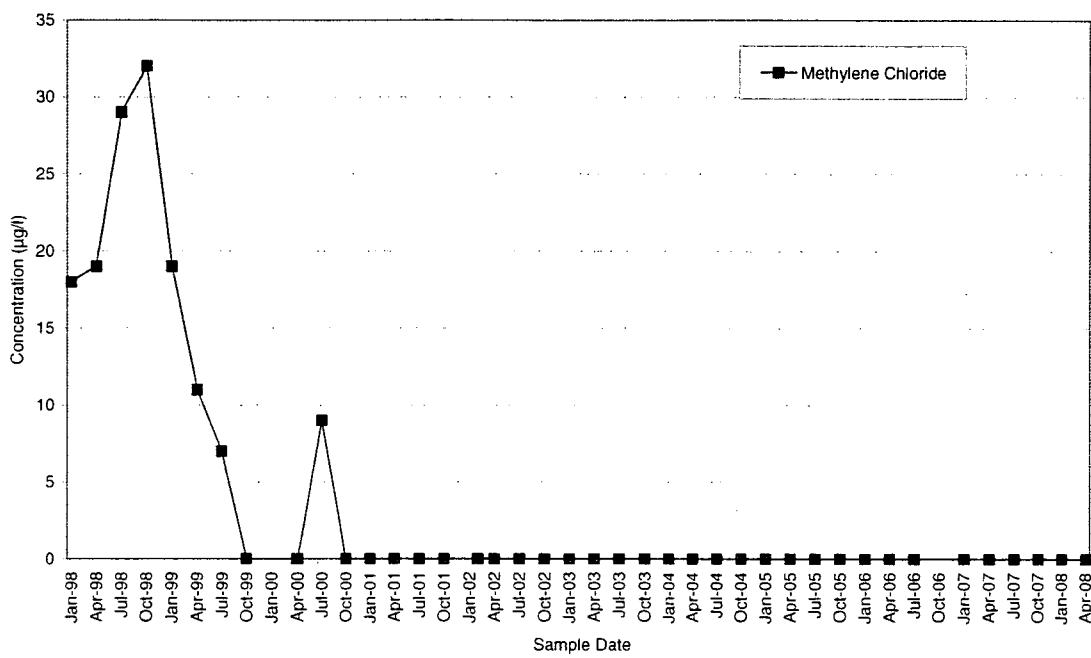
MANGANESE, TOTAL



CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

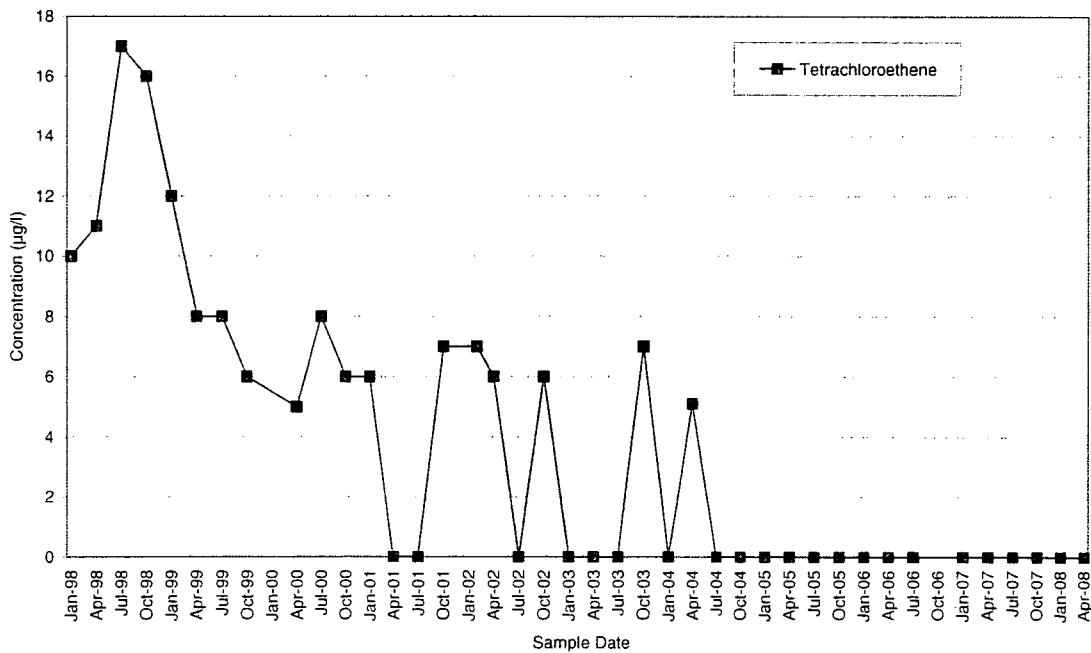
METHYLENE CHLORIDE

Cleanup Level (ESP) = 5 µg/l



TETRACHLOROETHENE

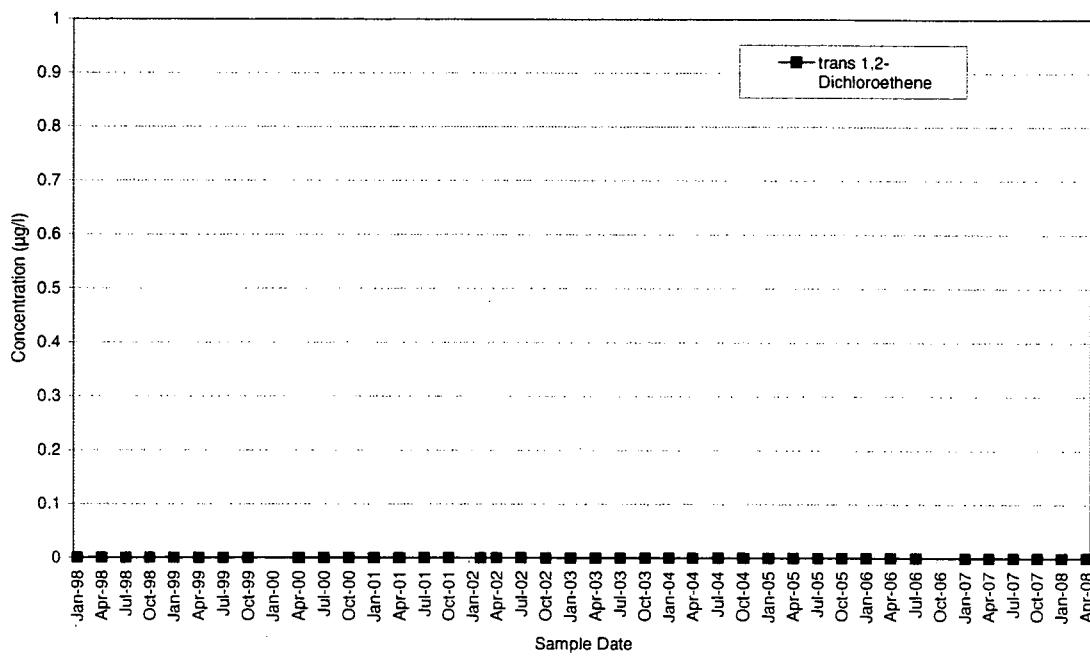
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

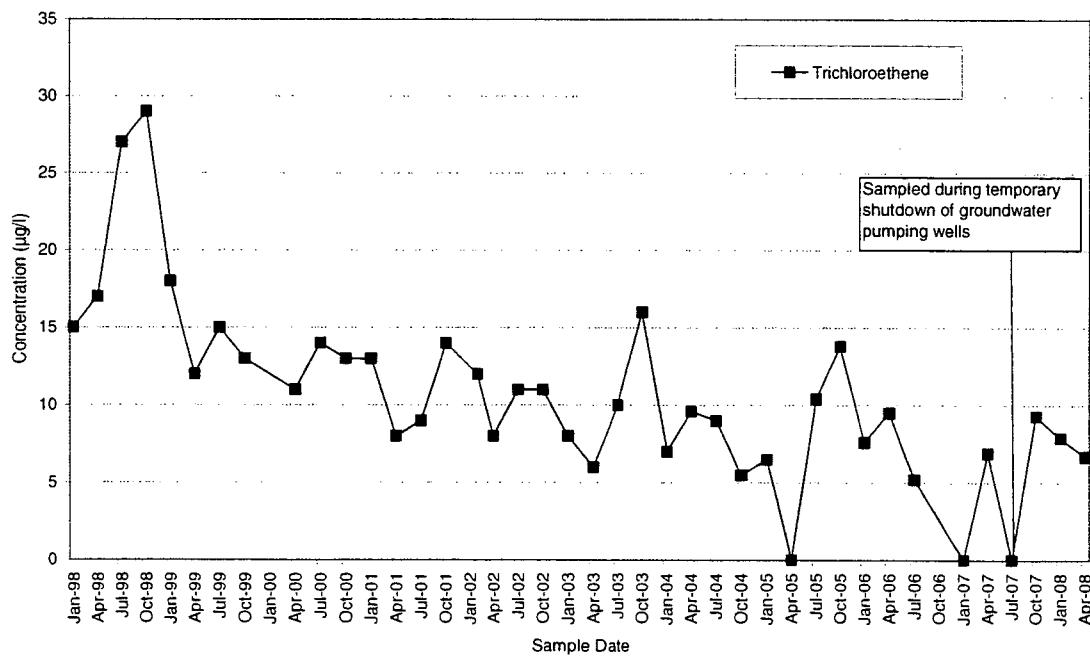
trans 1,2-DICHLOROETHENE

Cleanup Level (ESP) = 100 µg/l



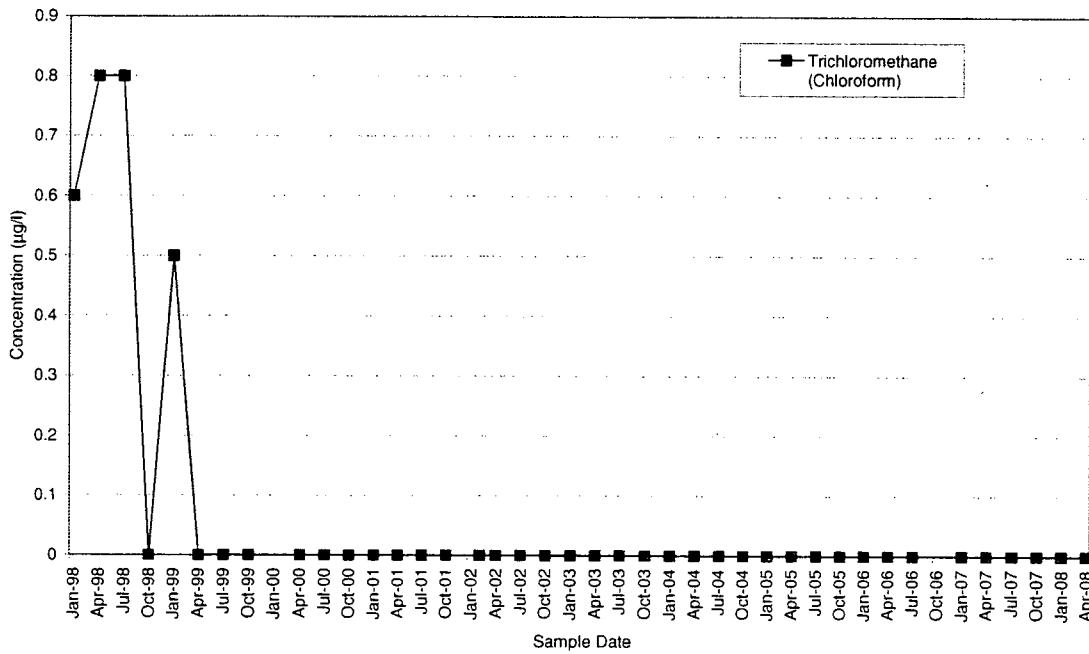
TRICHLOROETHENE

Cleanup Level (ESP) = 5 µg/l

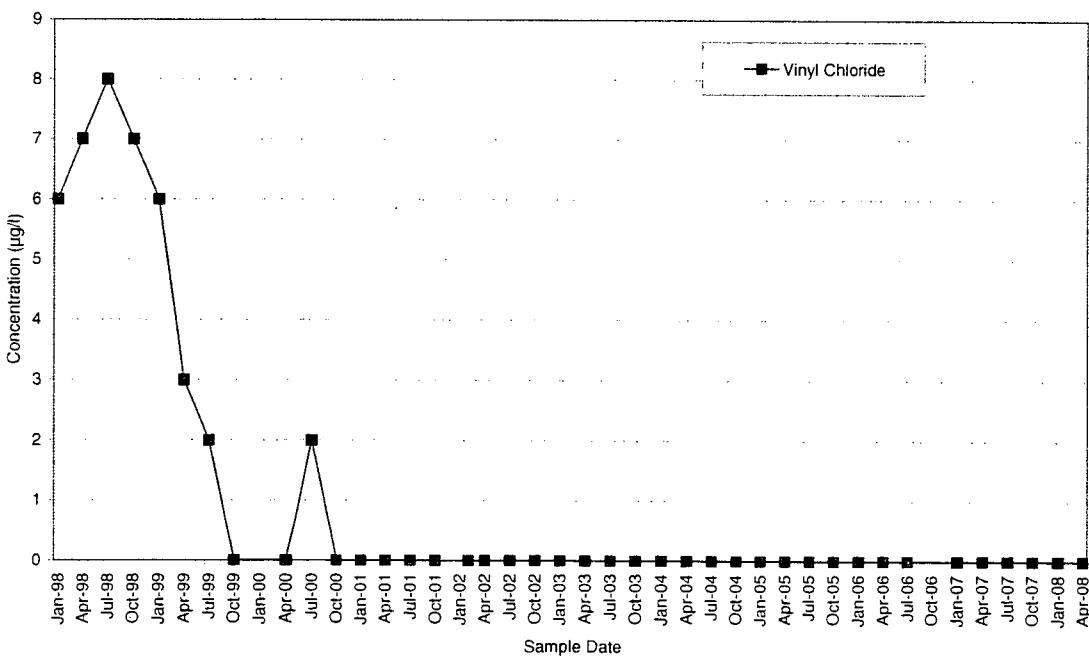


CHRIN BROTHERS LANDFILL
DM-11
TIME SERIES CHARTS

TRICHLOROMETHANE
Cleanup Level (ESP) = 100 µg/l

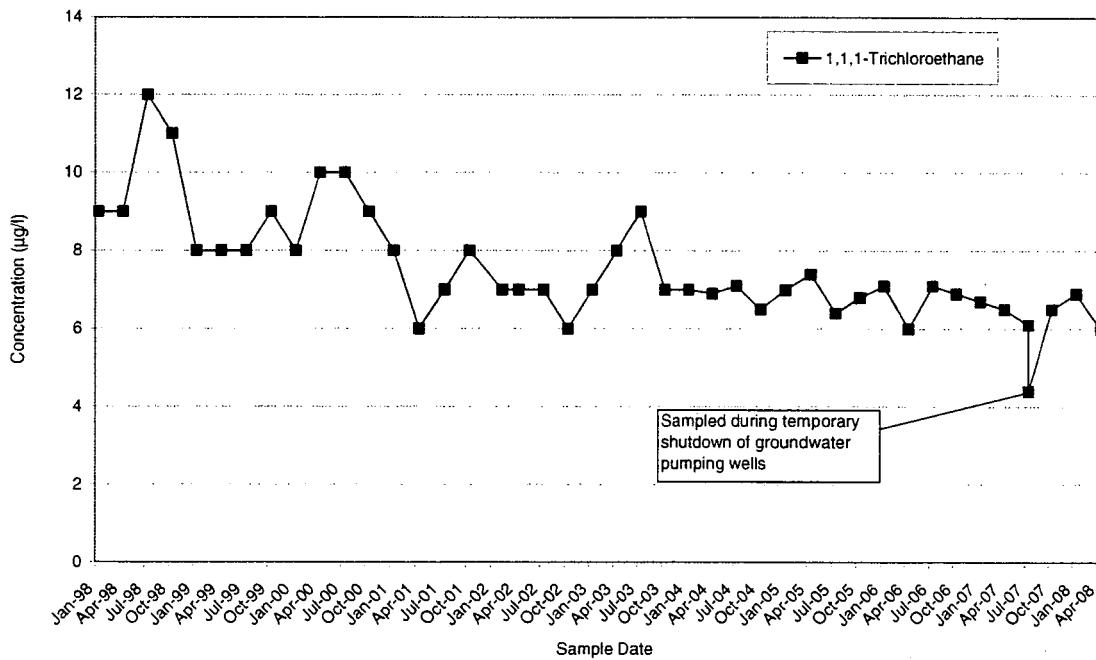


VINYL CHLORIDE
Cleanup Level (ESP) = 2 µg/l

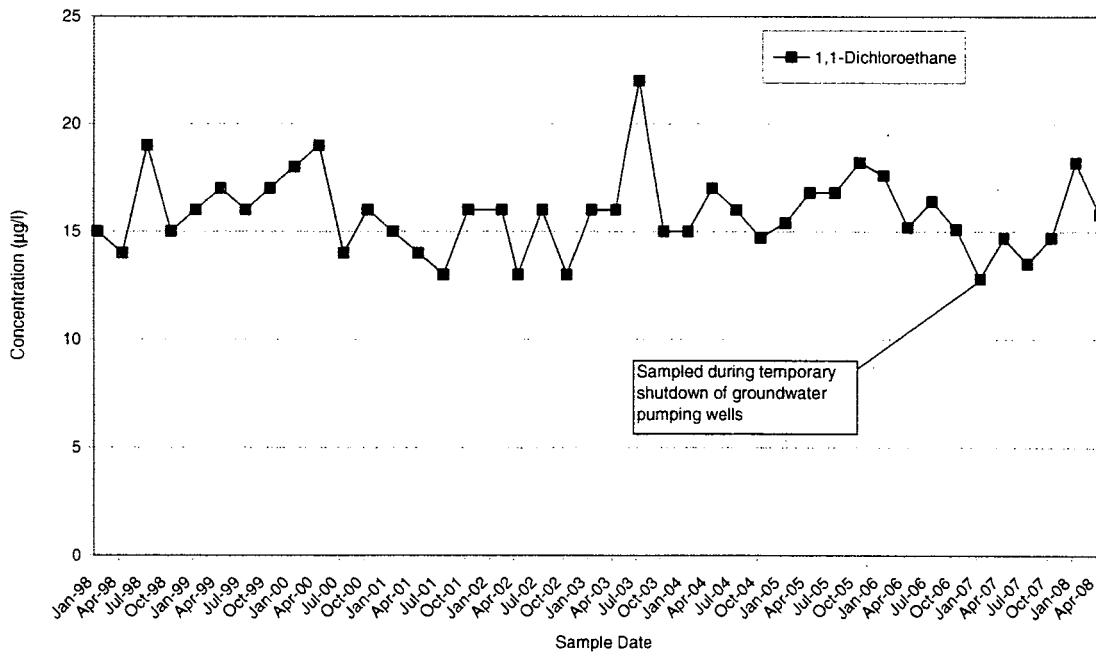


CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS

1,1,1-TRICHLOROETHANE
 Cleanup Level (ESP) = 200 µg/l

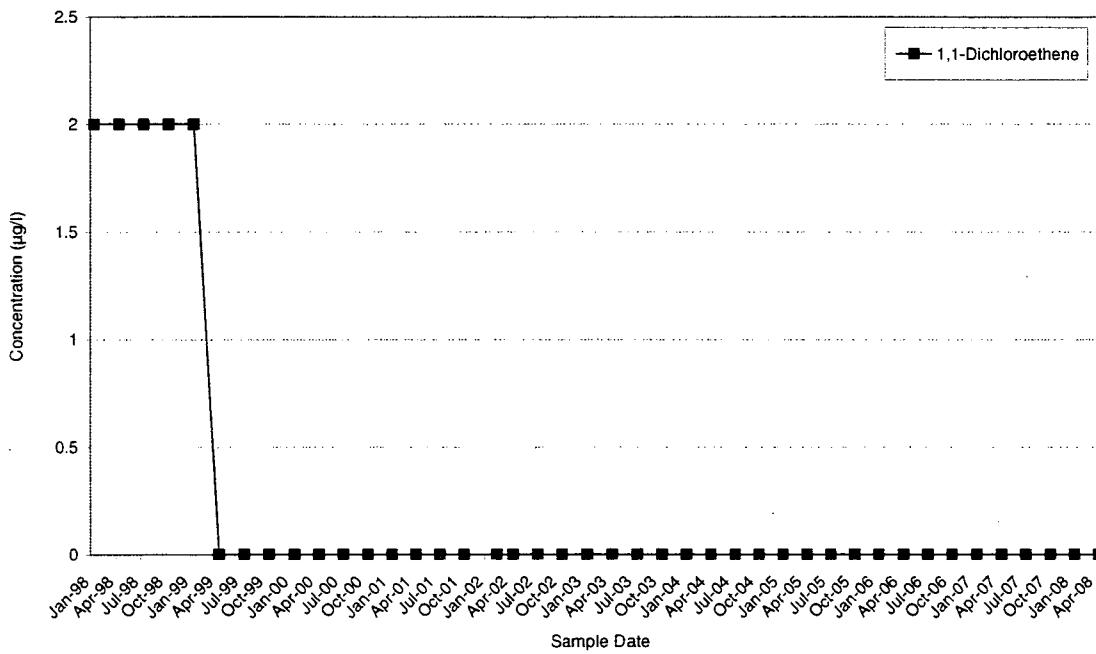


1,1-DICHLOROETHANE
 Cleanup Level (ESP) = 27 µg/l

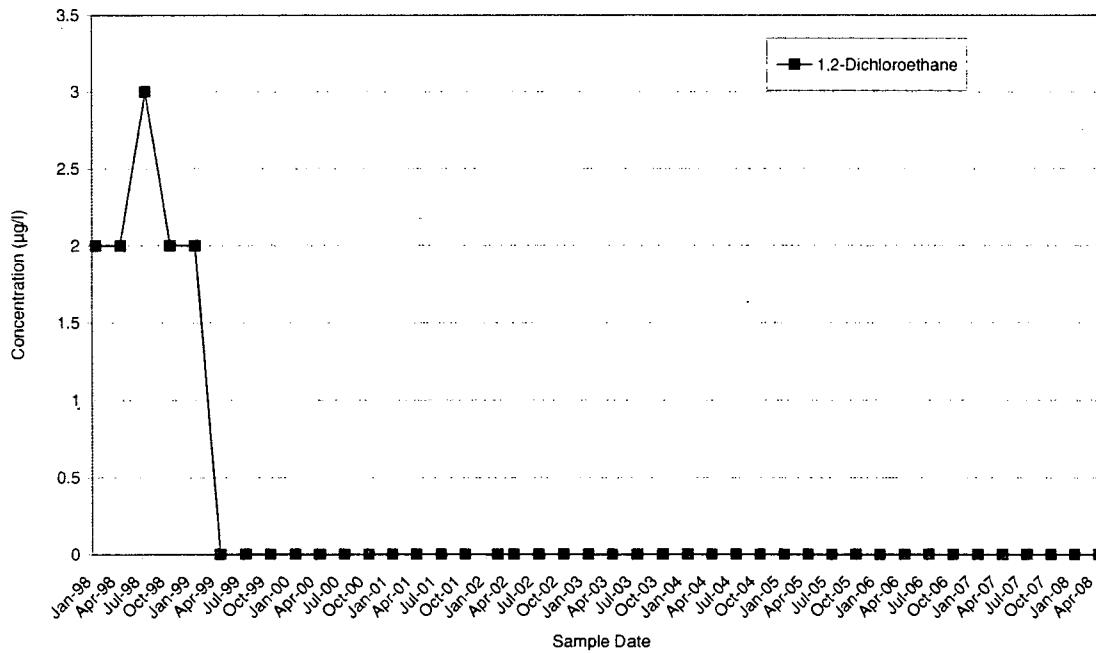


CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS

1,1-DICHLOROETHENE
Cleanup Level (ESP) = 7 µg/l



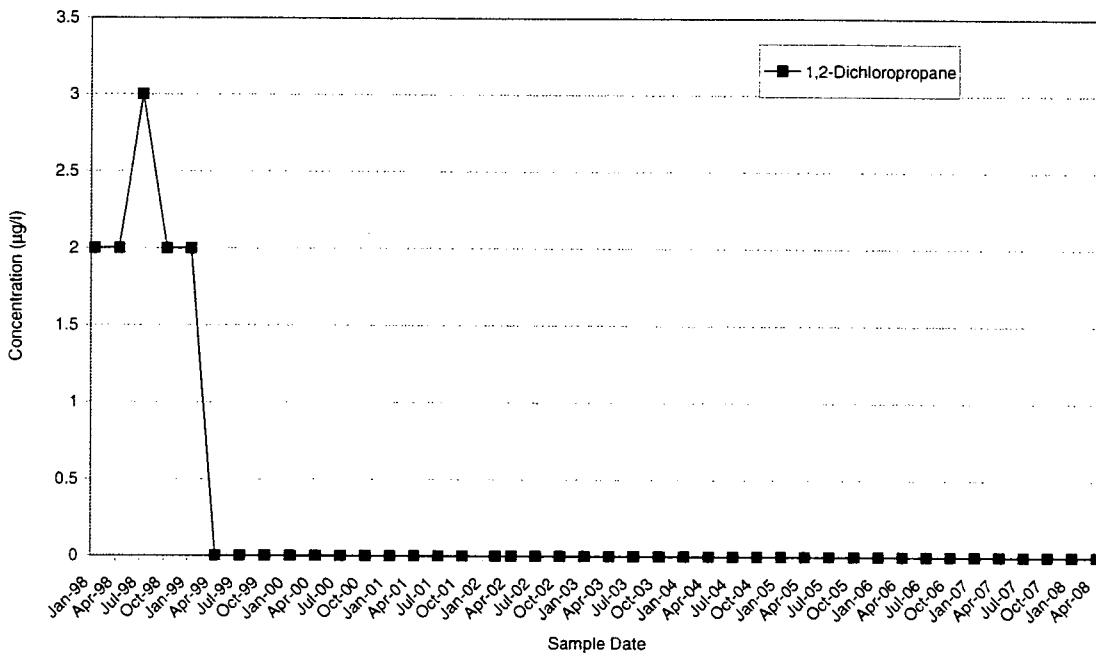
1,2-DICHLOROETHANE
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS

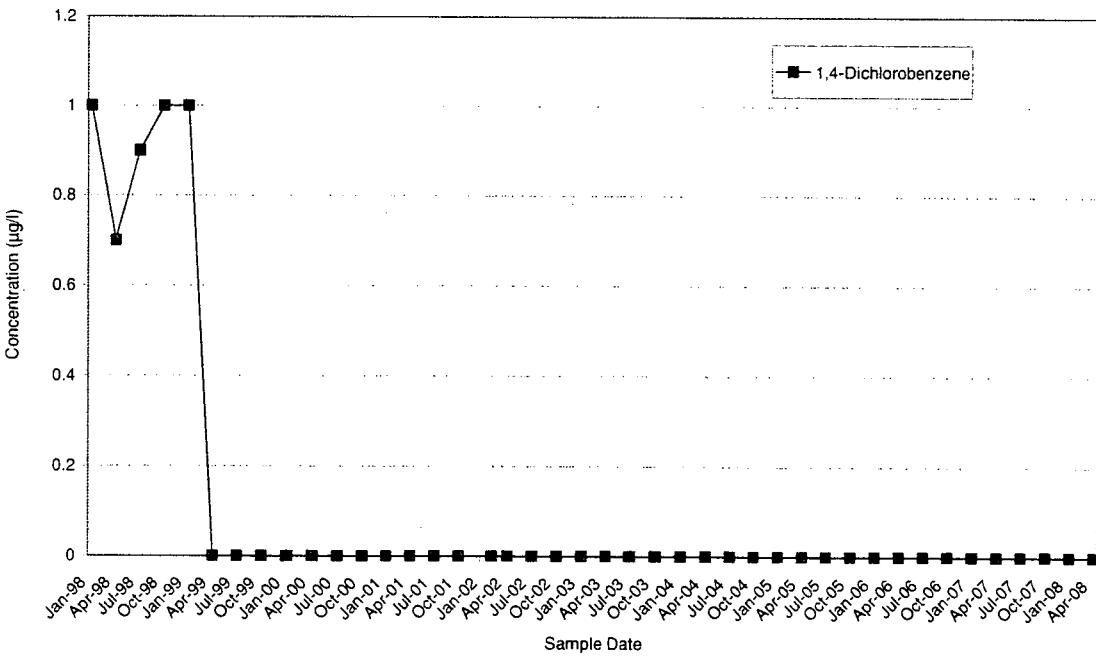
1,2-DICHLOROPROPANE

Cleanup Level (ESP) = 5 µg/l



1,4-DICHLOROBENZENE

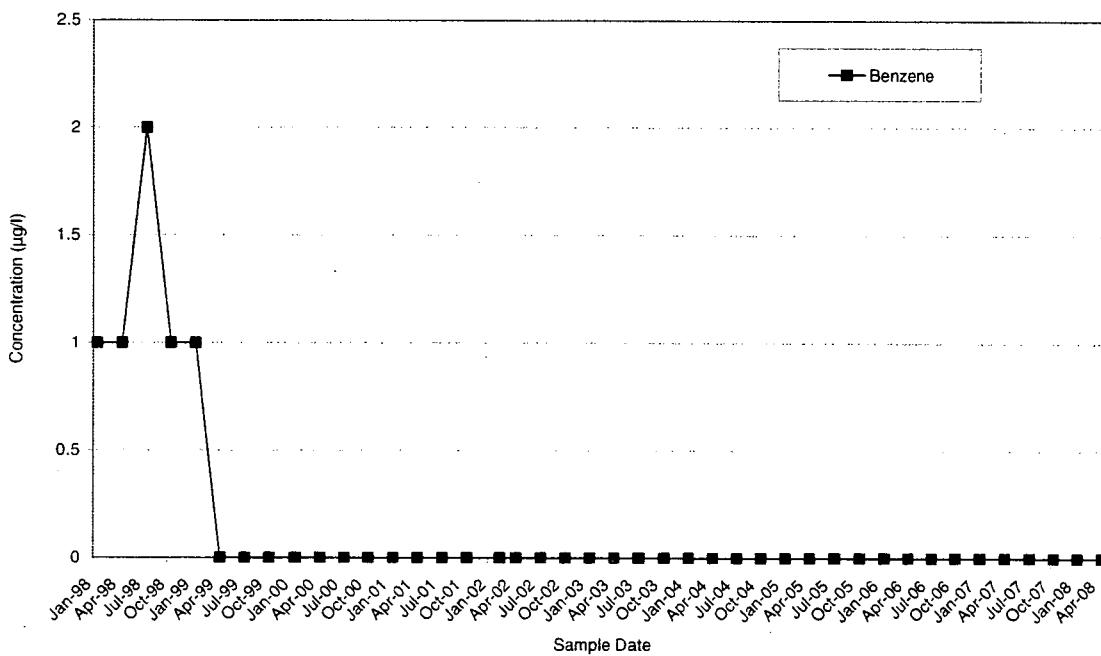
Cleanup Level (ESP) = 75 µg/l



CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS

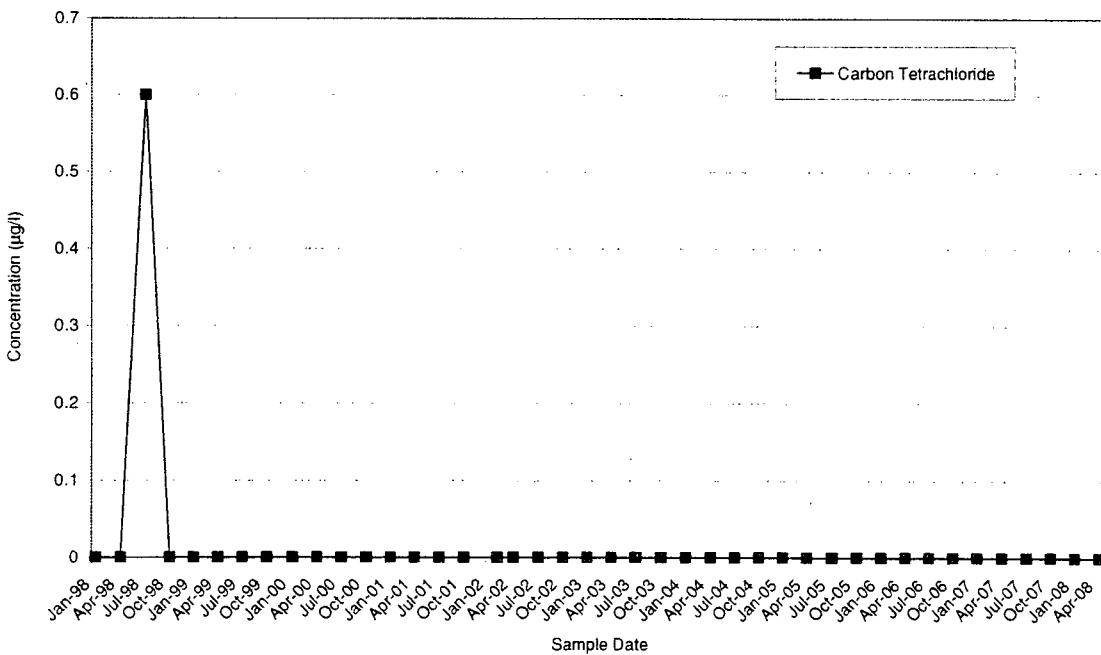
BENZENE

Cleanup Level (ESP) = 5 µg/l



CARBON TETRACHLORIDE

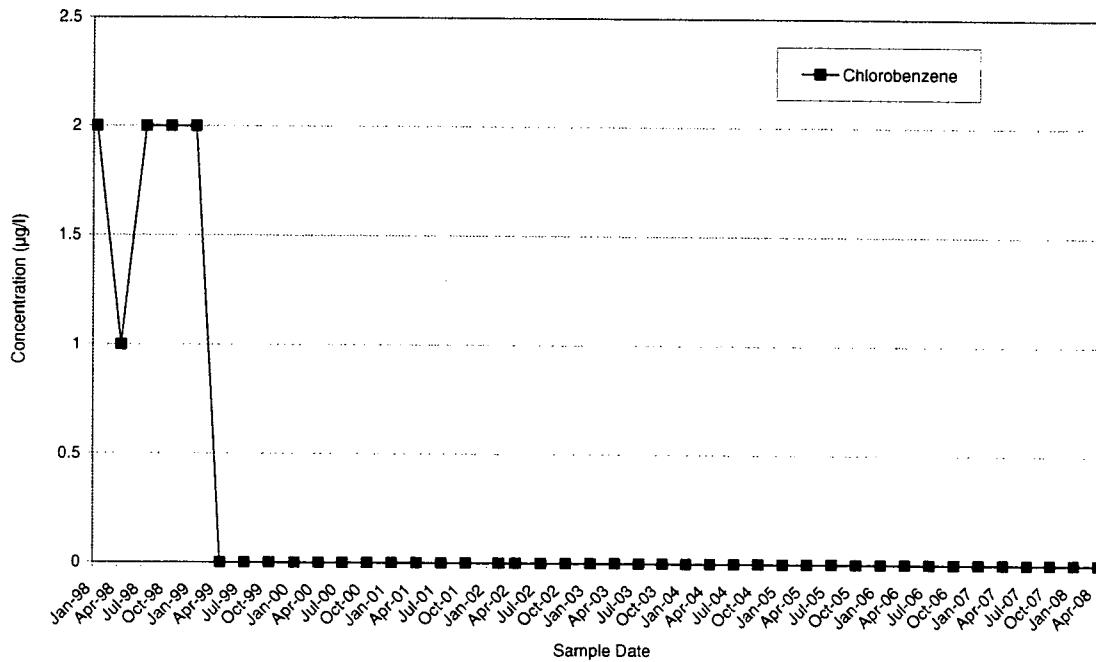
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS

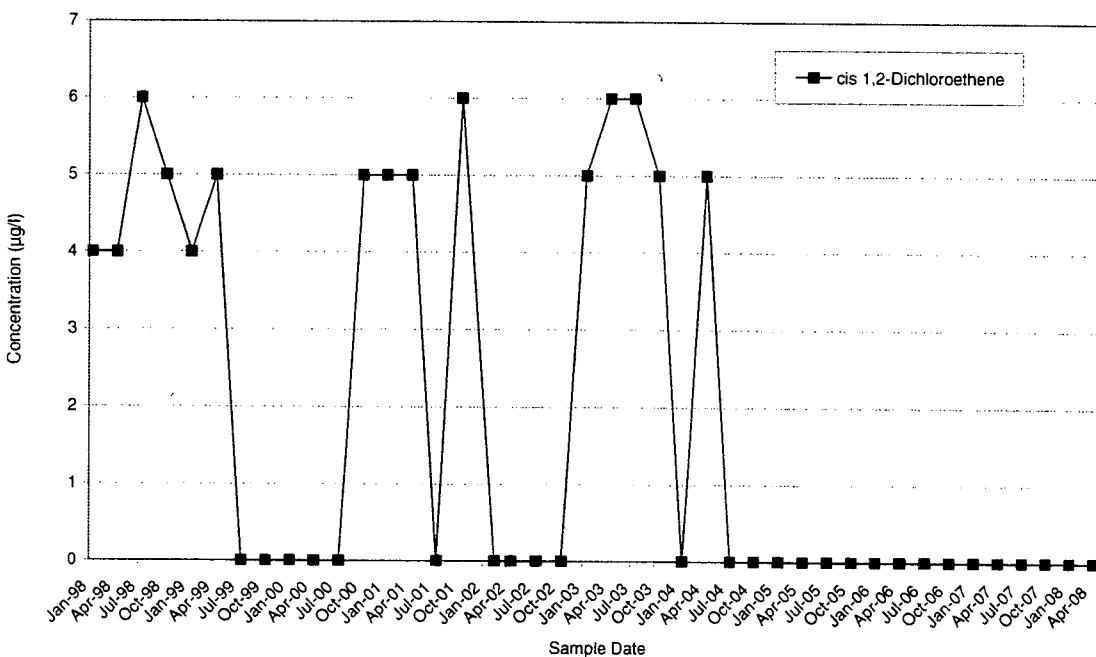
CHLOROBENZENE

Cleanup Level (ESP) = 100 µg/l



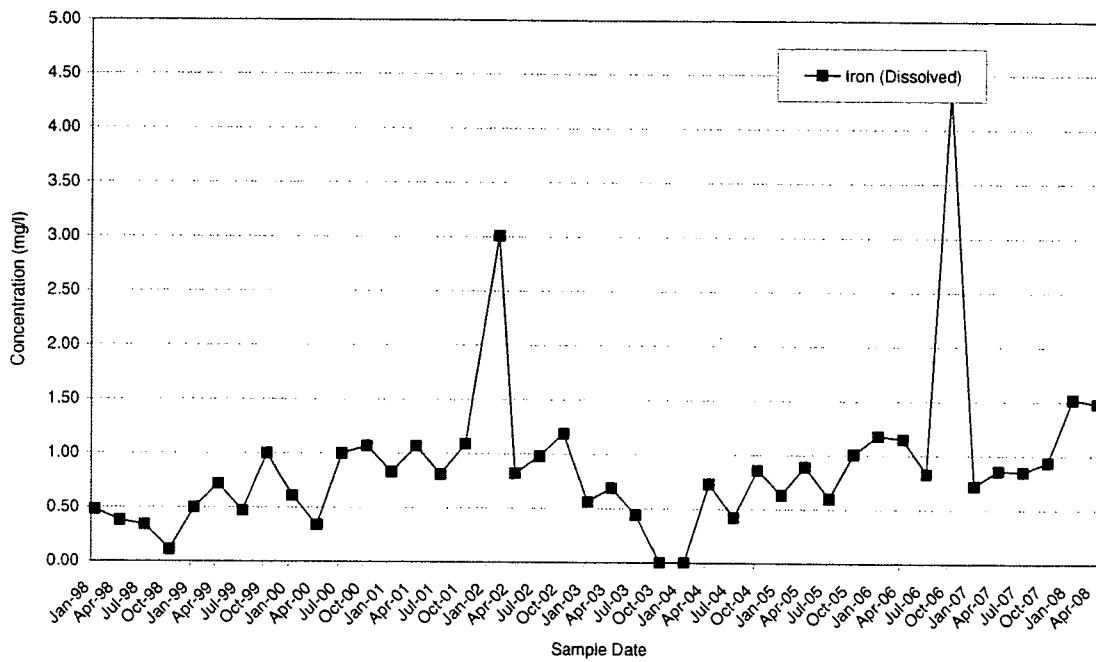
cis 1,2-DICHLOROETHENE

Cleanup Level (ESP) = 70 µg/l

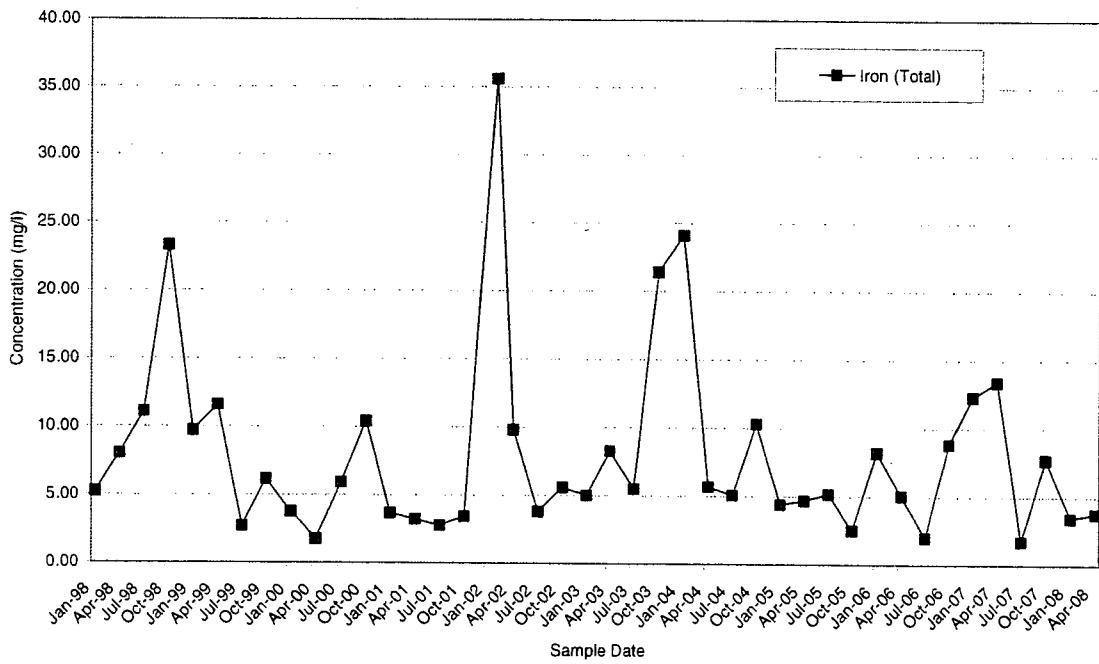


**CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS**

IRON, DISSOLVED

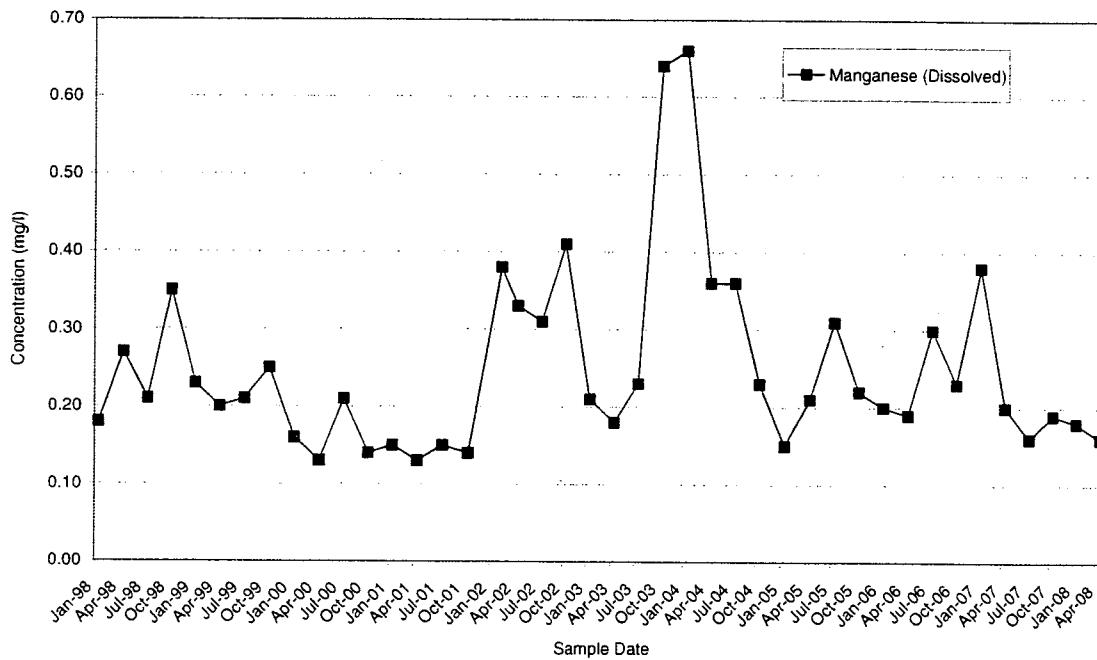


IRON, TOTAL

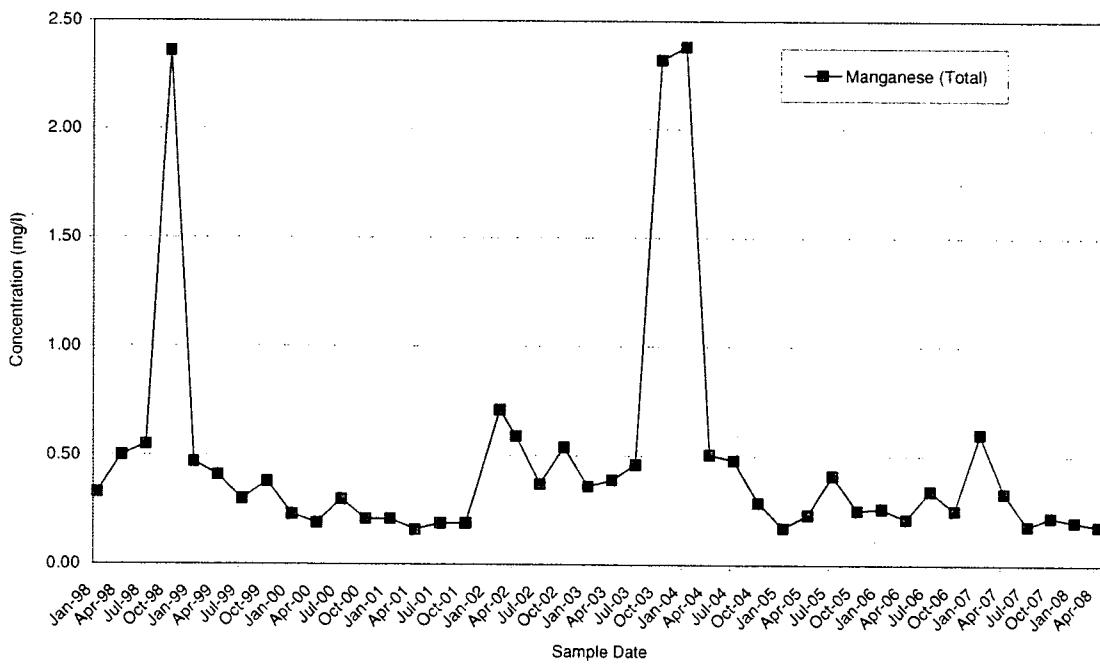


CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS

MANGANESE, DISSOLVED



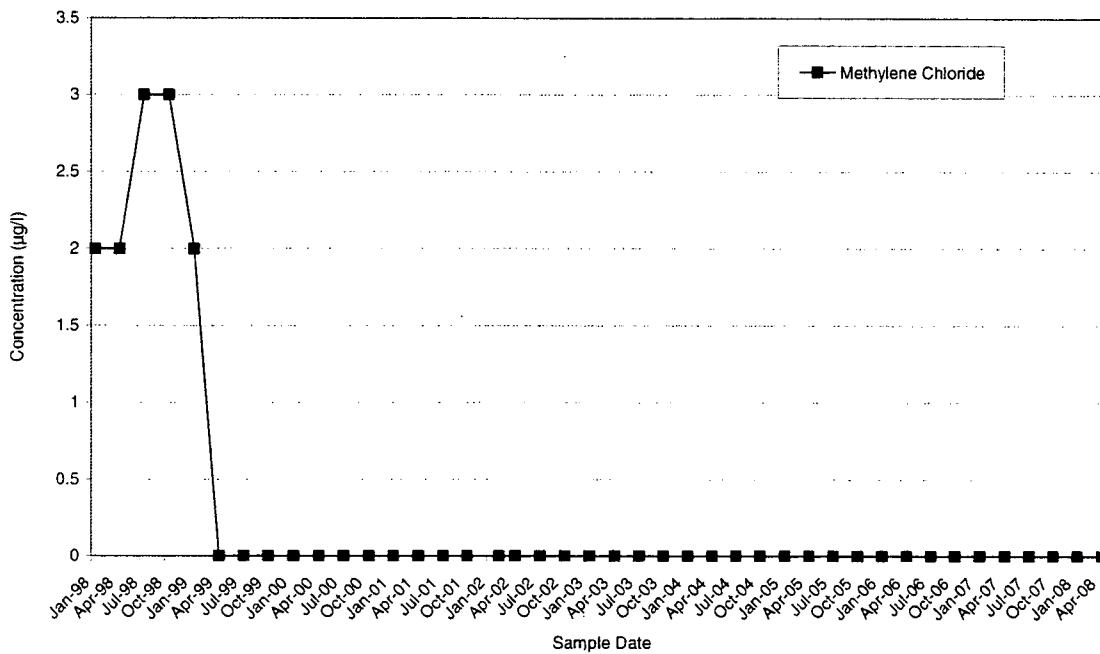
MANGANESE, TOTAL



CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS

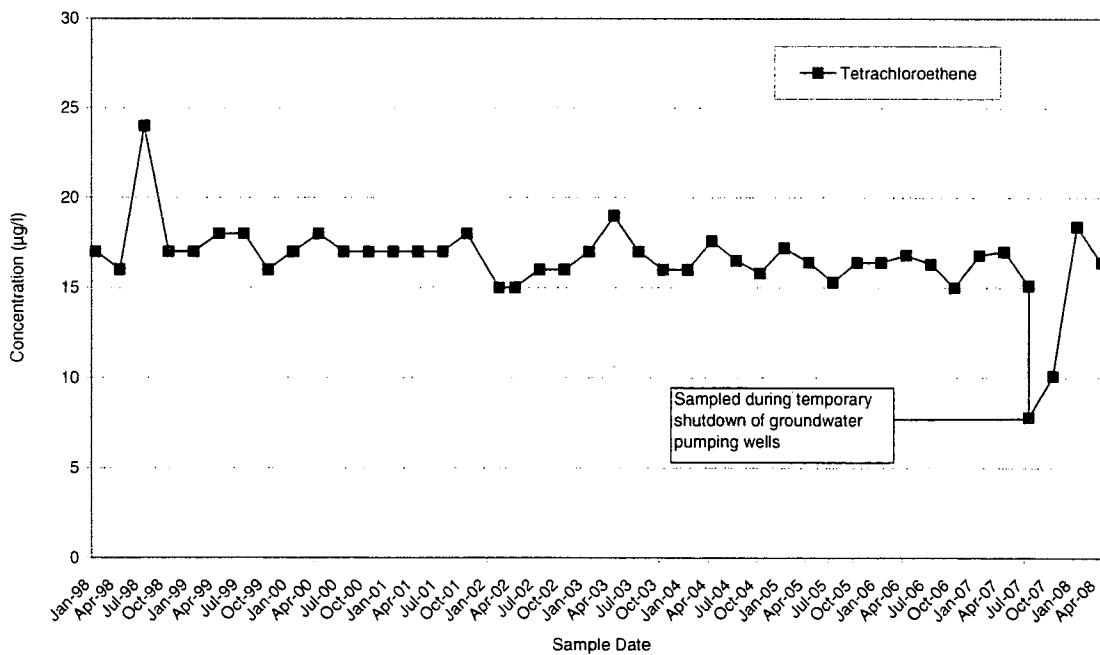
METHYLENE CHLORIDE

Cleanup Level (ESP) = 5 µg/l



TETRACHLOROETHENE

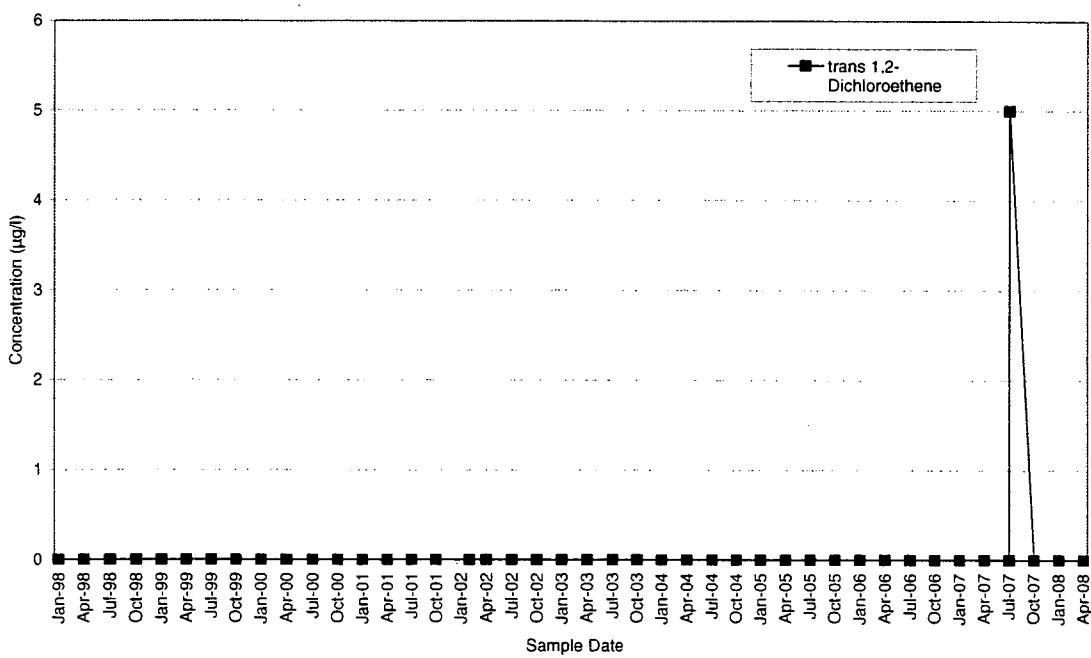
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS

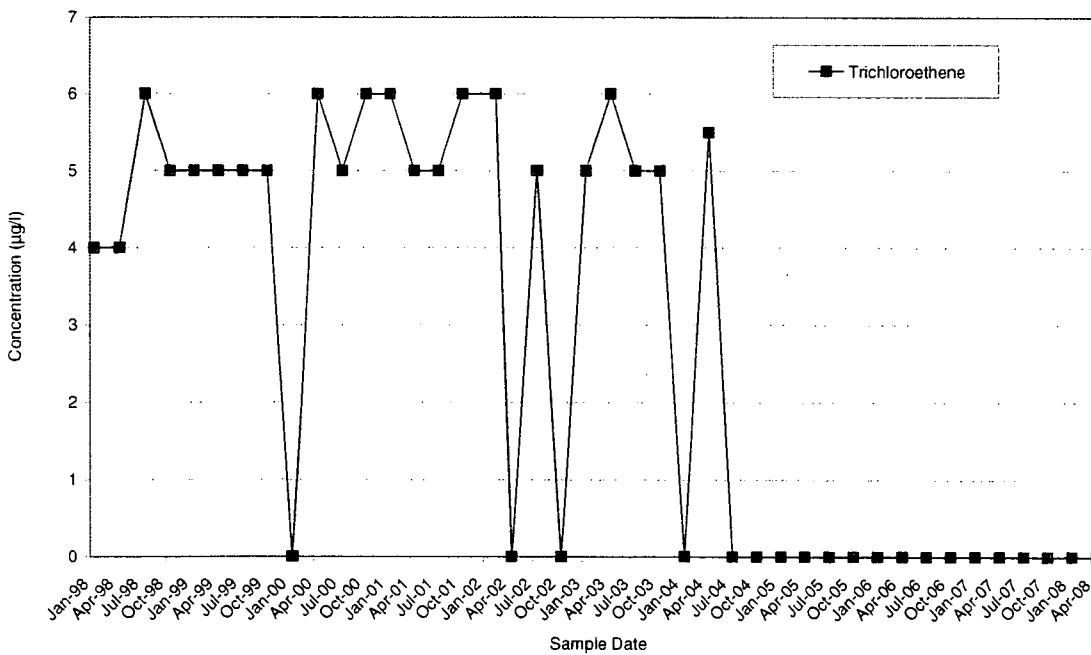
trans 1,2-DICHLOROETHENE

Cleanup Level (ESP) = 100 µg/l



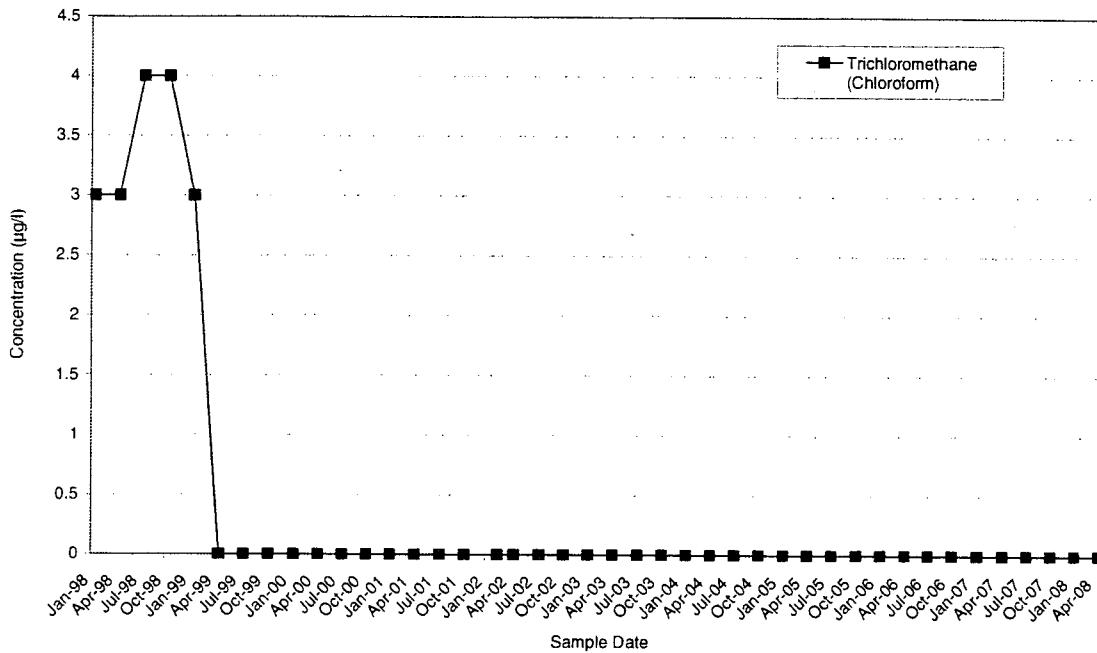
TRICHLOROETHENE

Cleanup Level (ESP) = 5 µg/l

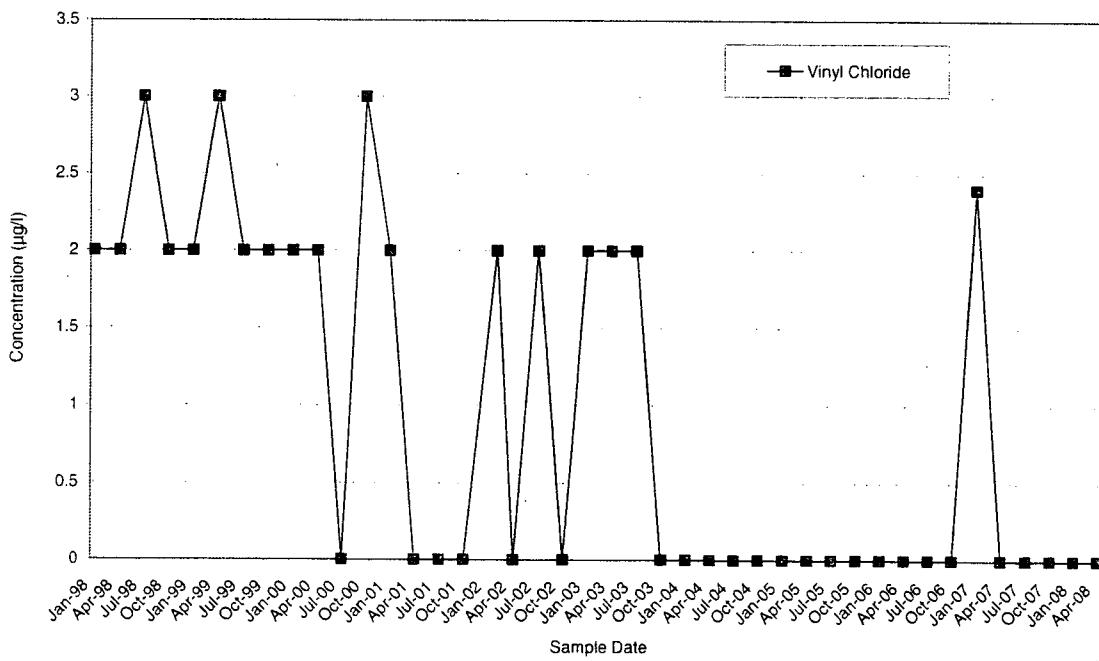


CHRIN BROTHERS LANDFILL
MW-1
TIME SERIES CHARTS

TRICHLOROMETHANE
Cleanup Level (ESP) = 100 µg/l

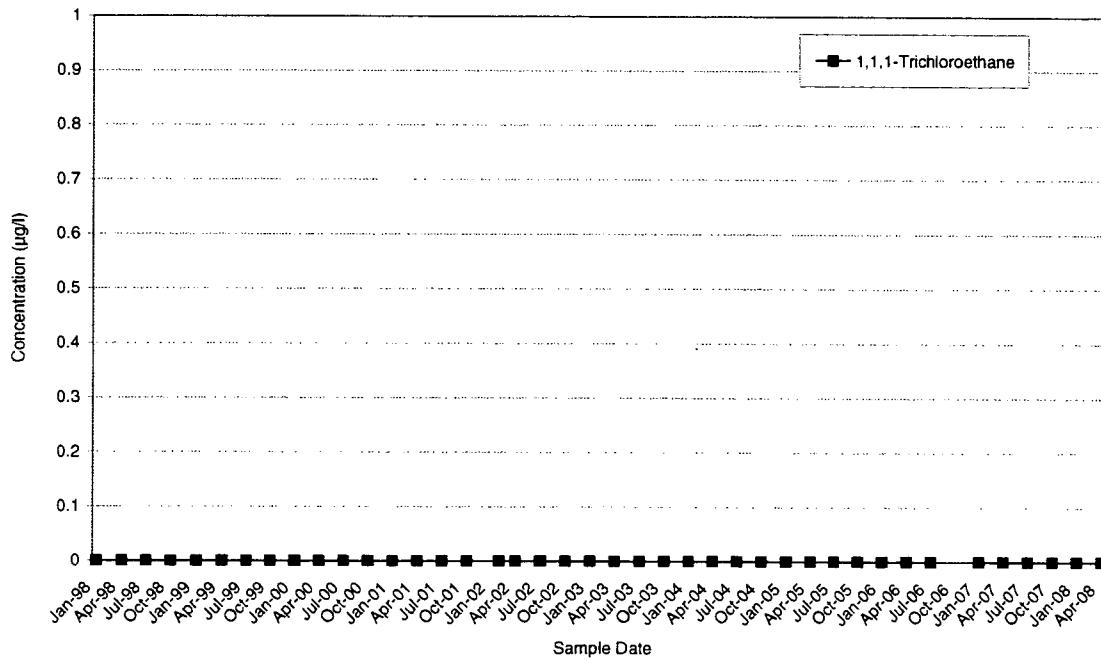


VINYL CHLORIDE
Cleanup Level (ESP) = 2 µg/l

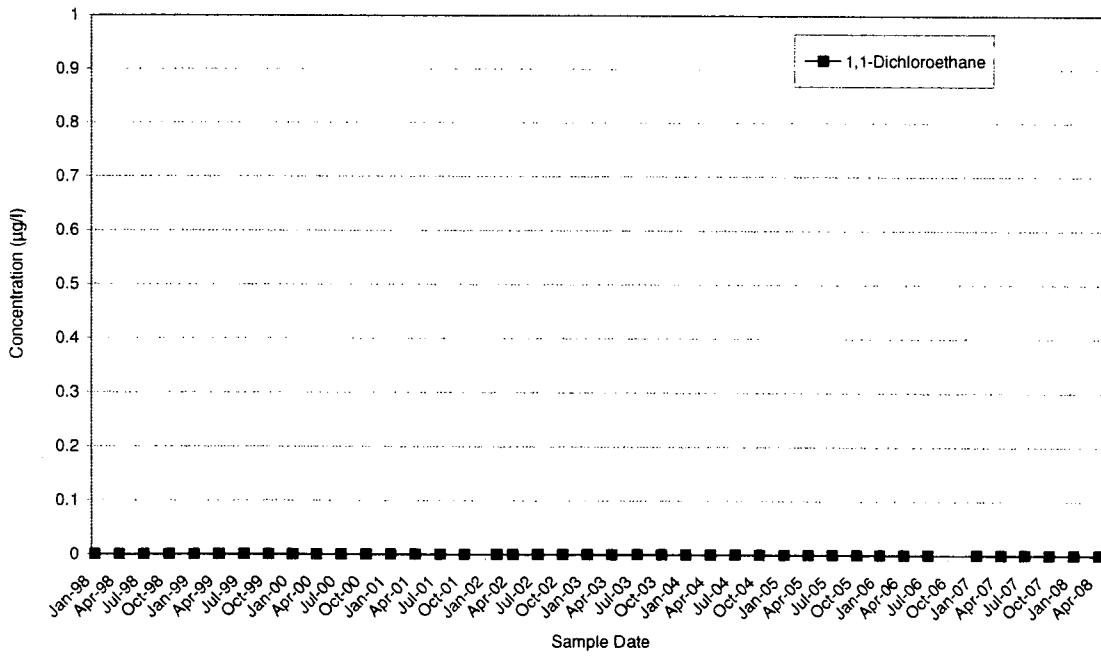


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

1,1,1-TRICHLOROETHANE
Cleanup Level (ESP) = 200 µg/l

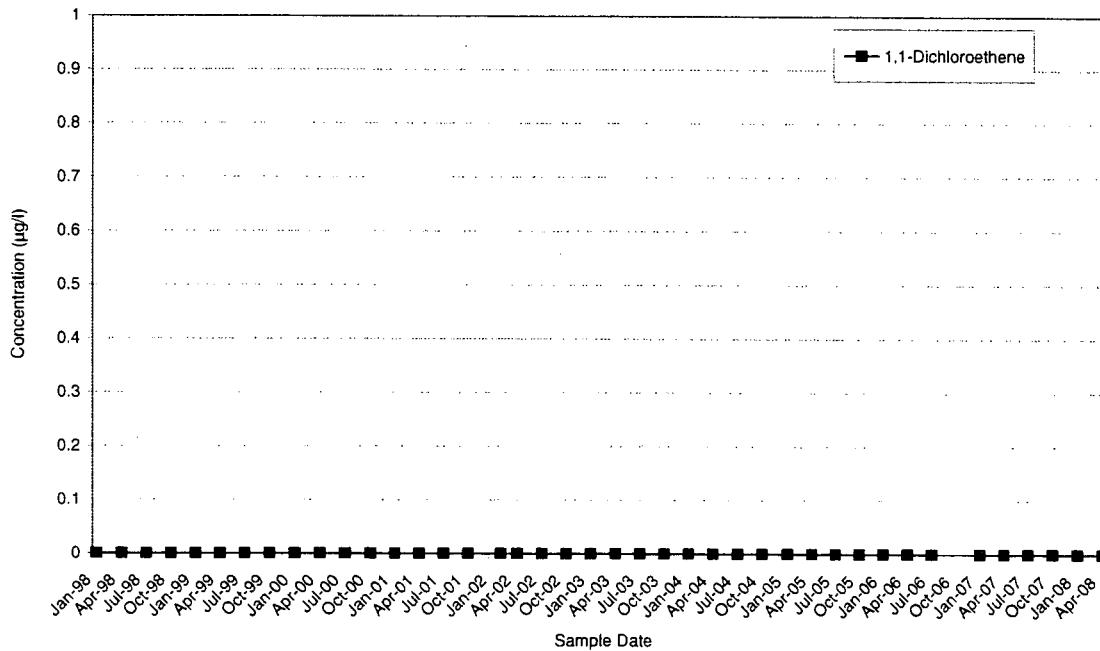


1,1-DICHLOROETHANE
Cleanup Level (ESP) = 27 µg/l

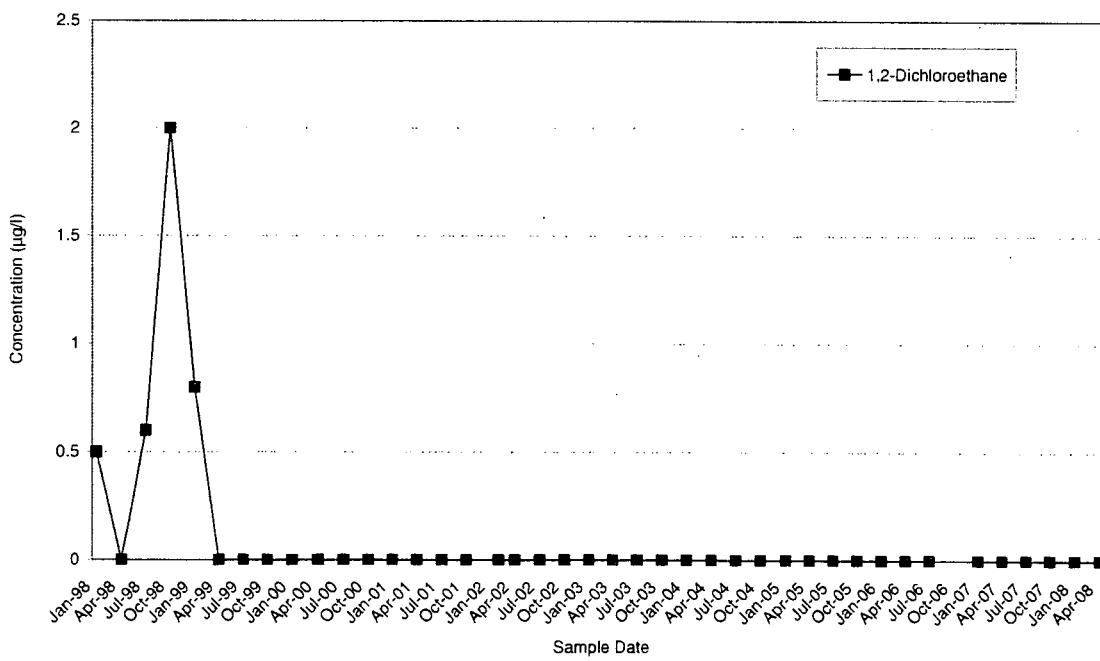


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

1,1-DICHLOROETHENE
Cleanup Level (ESP) = 7 µg/l

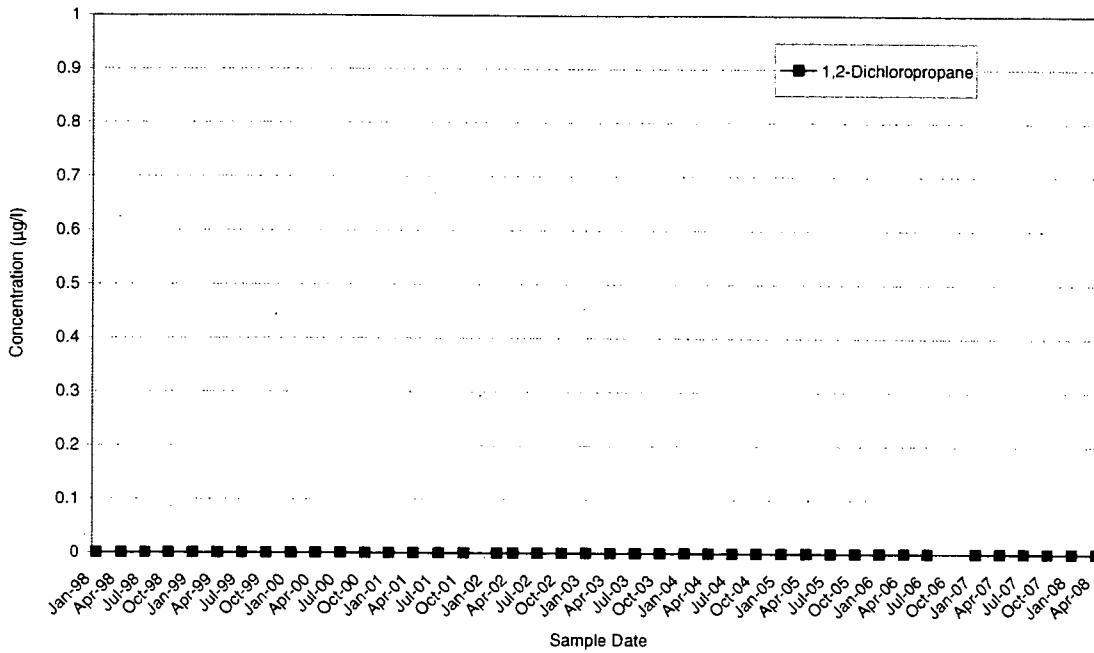


1,2-DICHLOROETHANE
Cleanup Level (ESP) = 5 µg/l

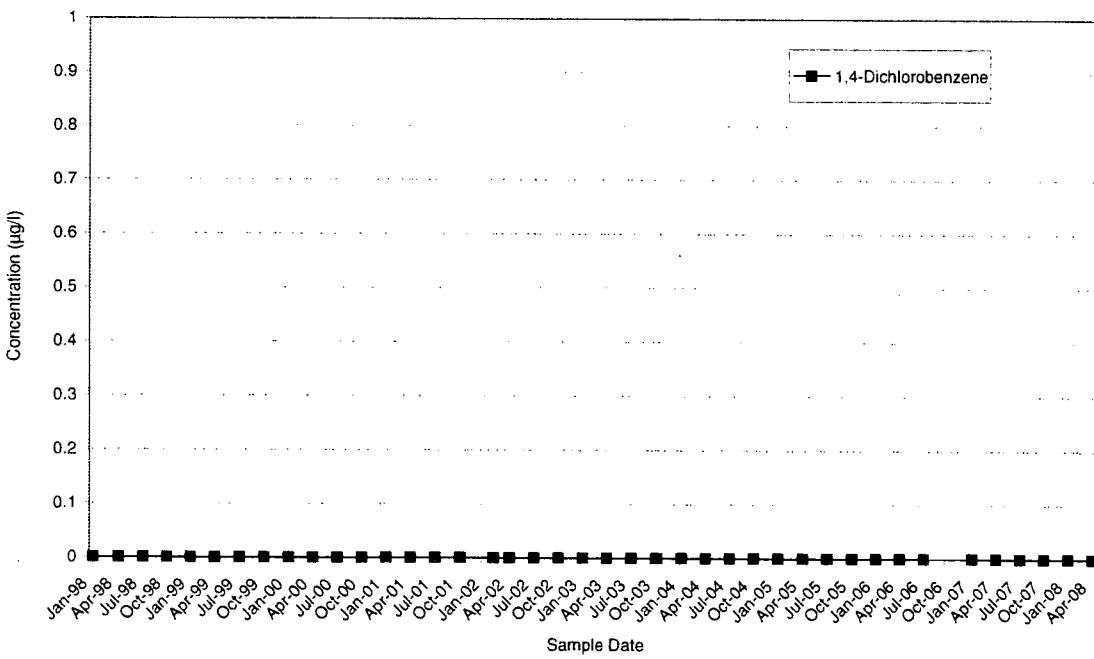


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

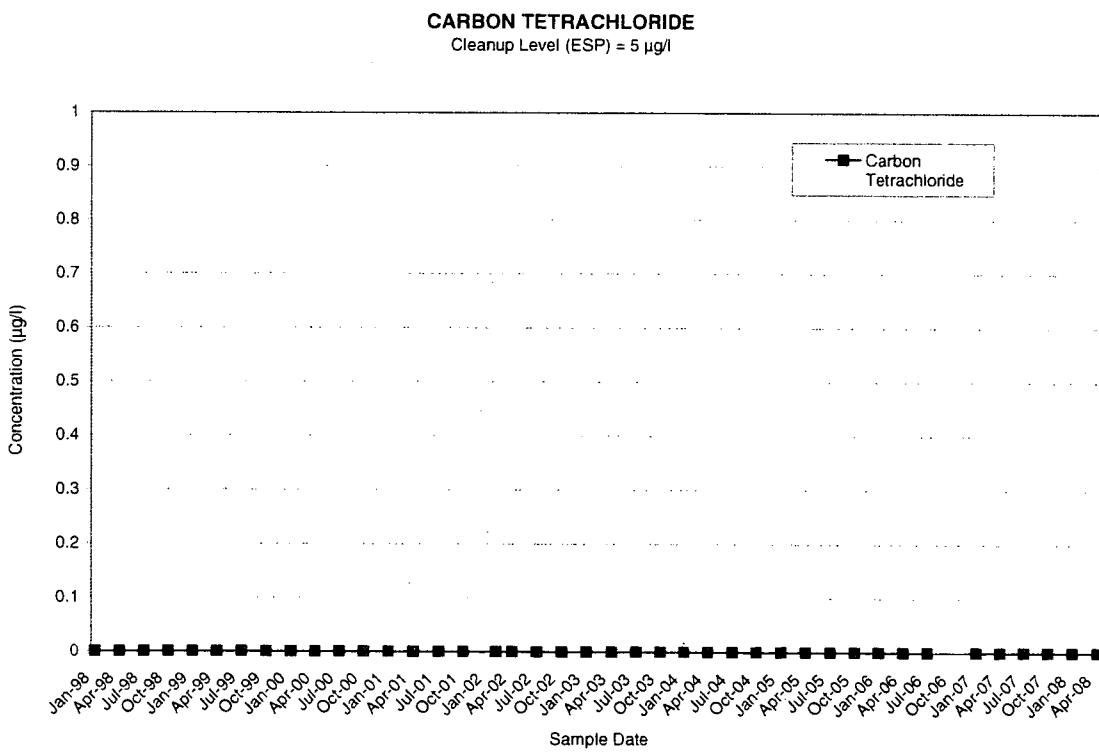
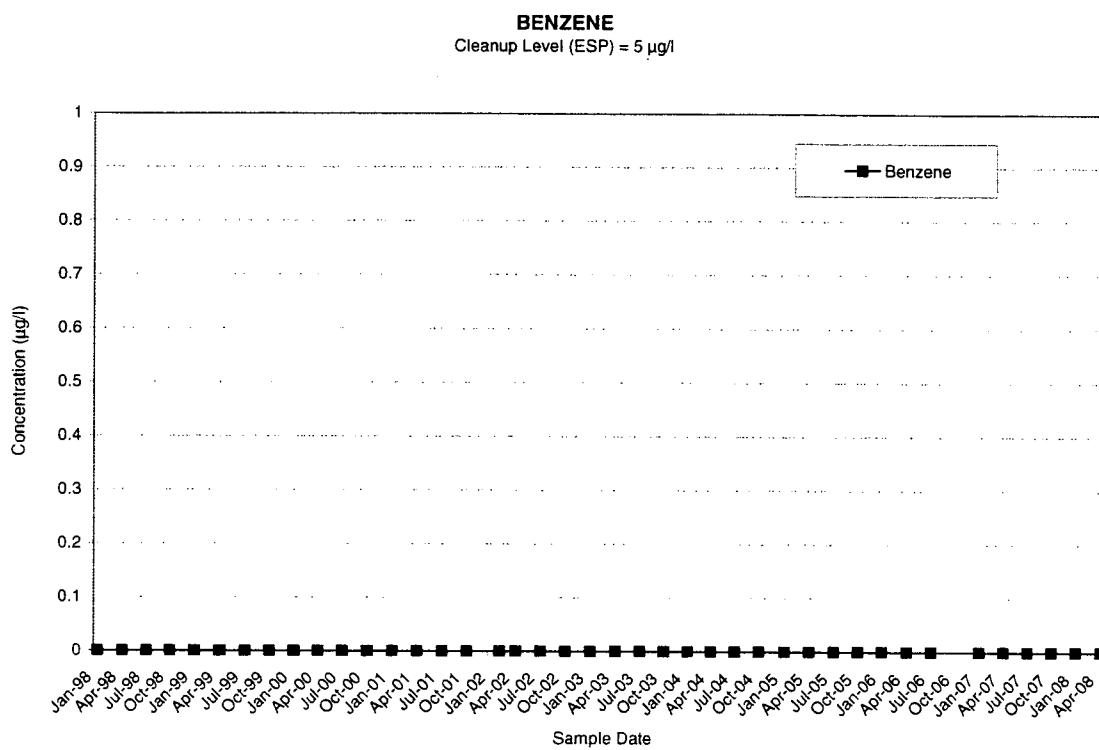
1,2-DICHLOROPROPANE
Cleanup Level (ESP) = 5 µg/l



1,4-DICHLOROBENZENE
Cleanup Level (ESP) = 75 µg/l

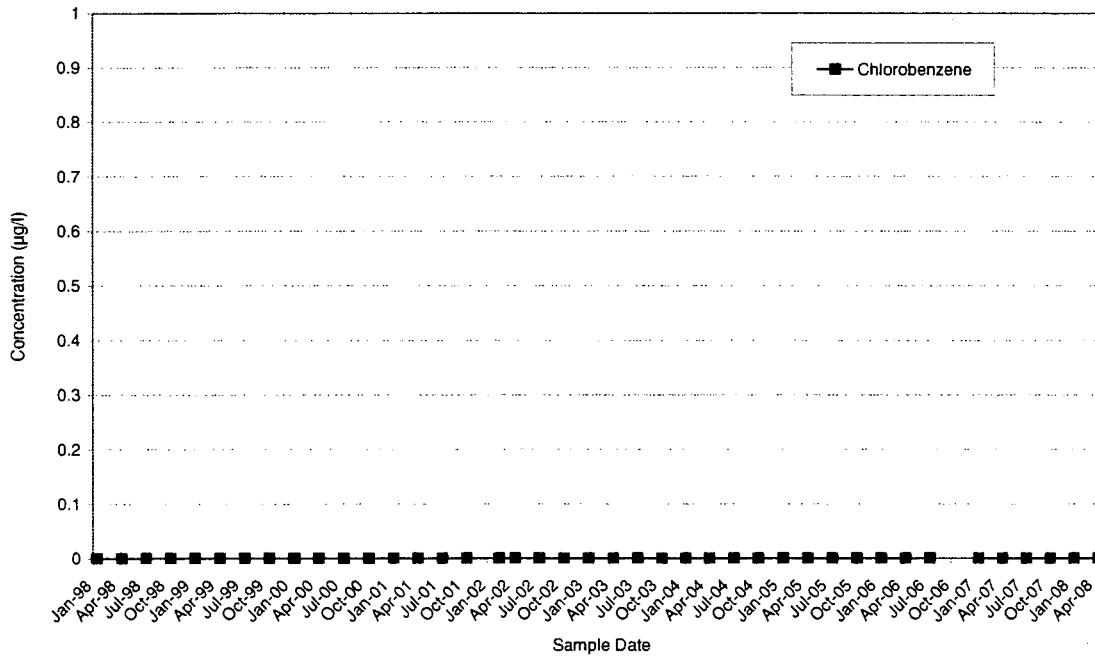


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

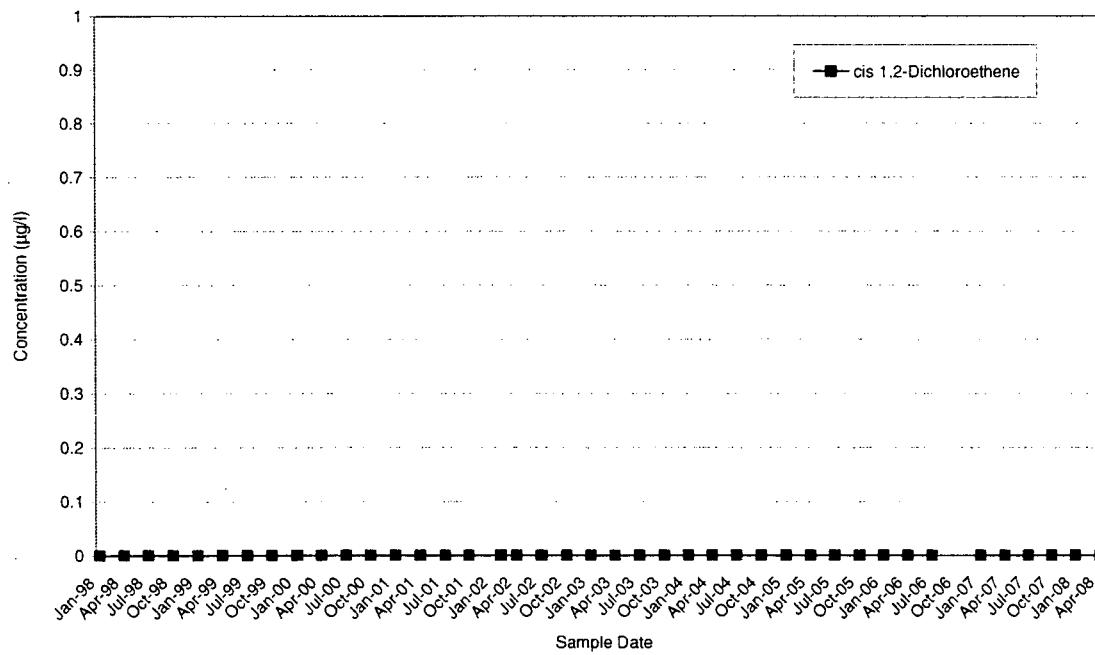


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

CHLOROBENZENE
Cleanup Level (ESP) = 100 µg/l

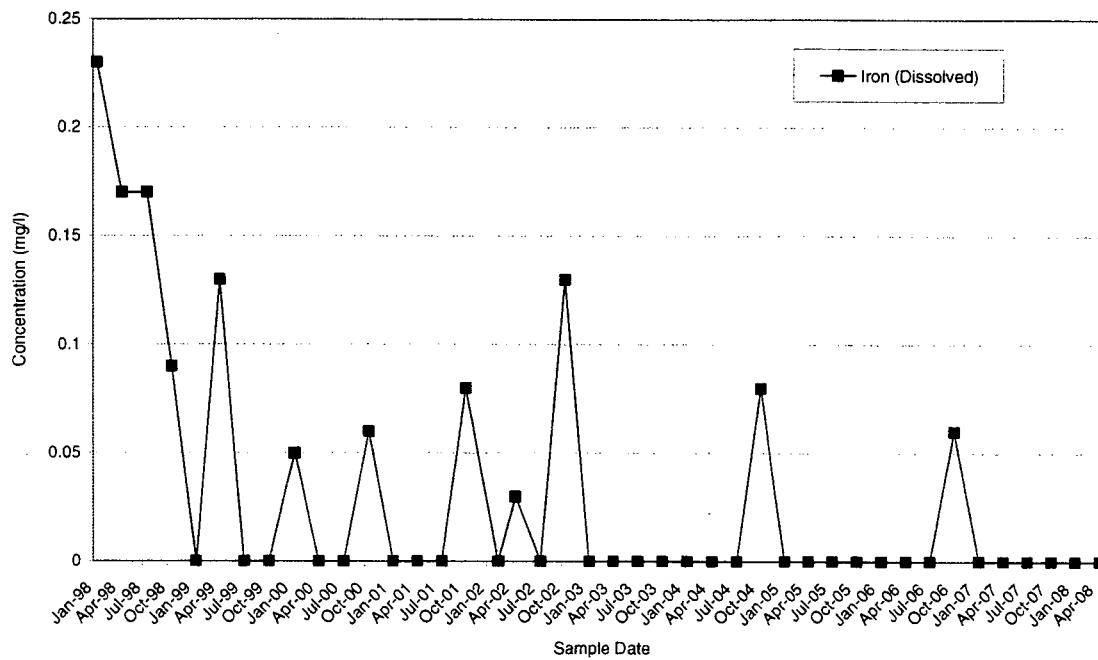


cis 1,2-DICHLOROETHENE
Cleanup Level (ESP) = 70 µg/l

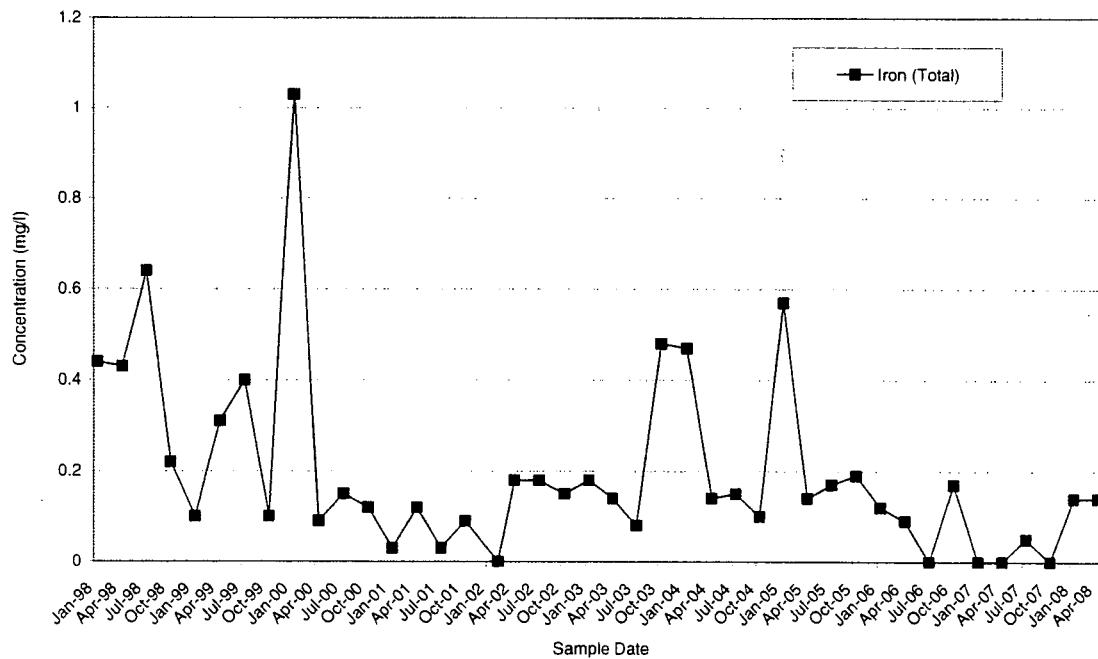


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

IRON, DISSOLVED

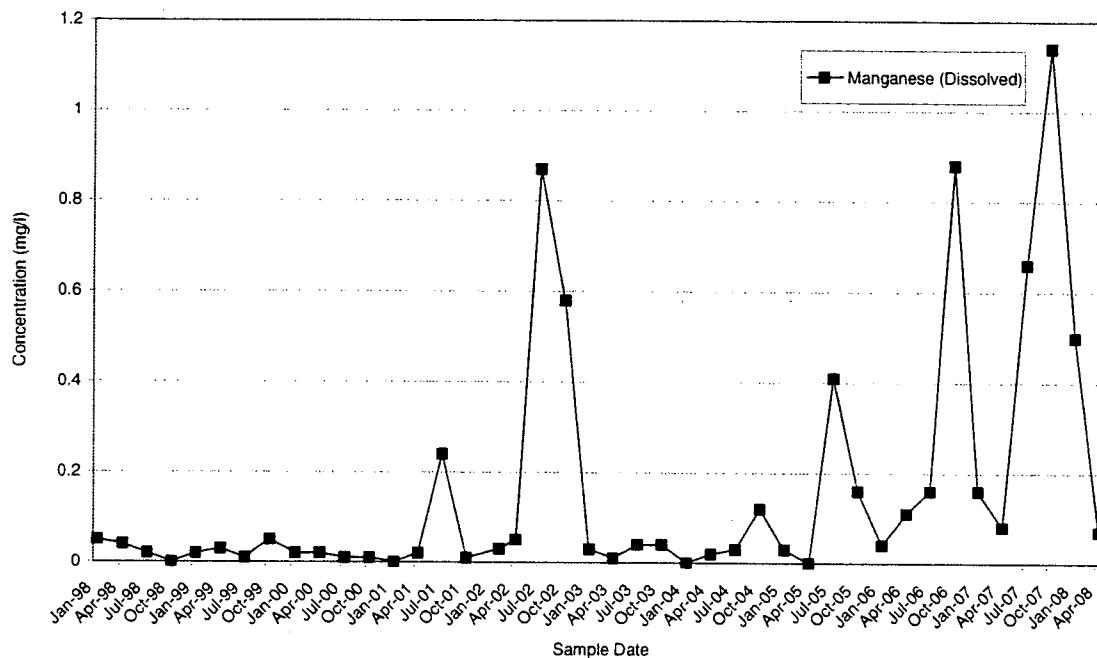


IRON, TOTAL

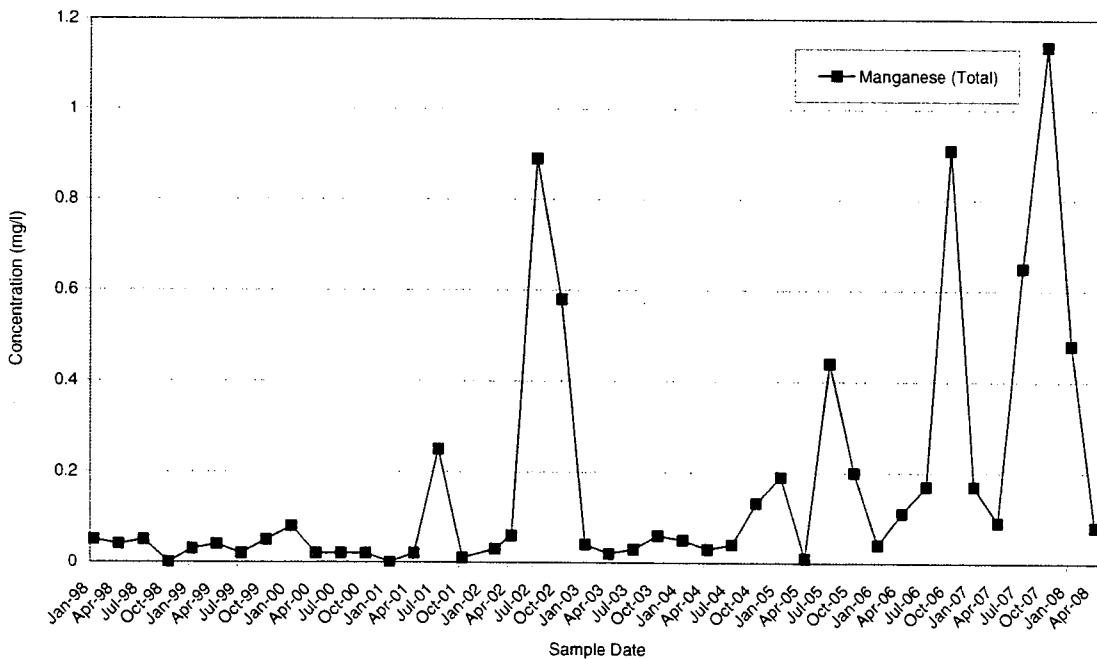


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

MANGANESE, DISSOLVED

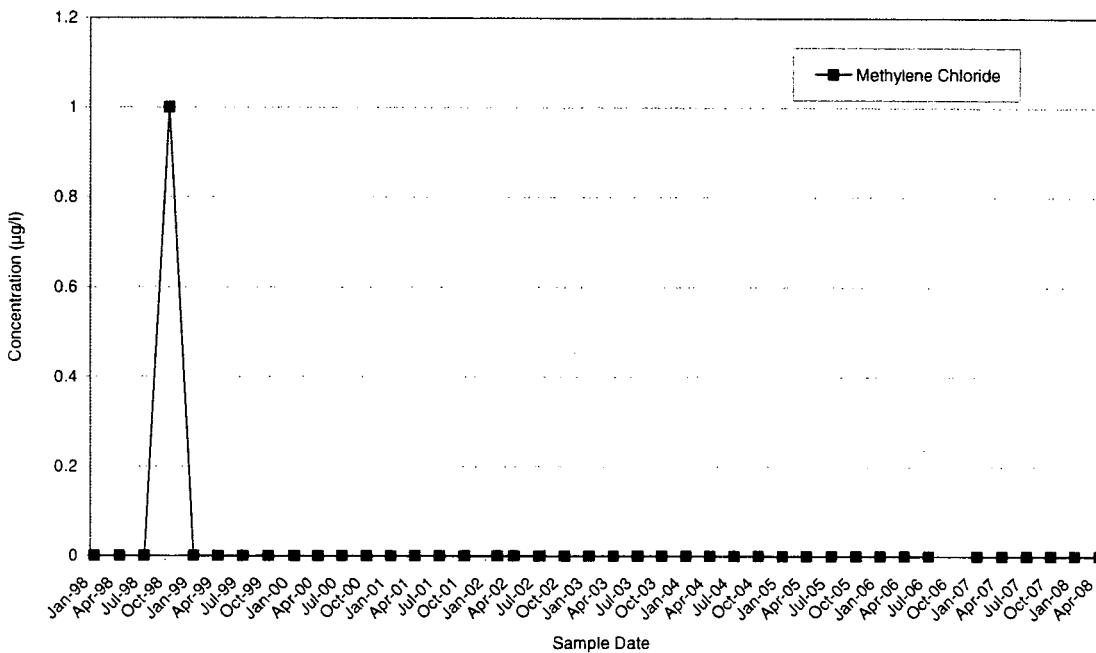


MANGANESE, TOTAL

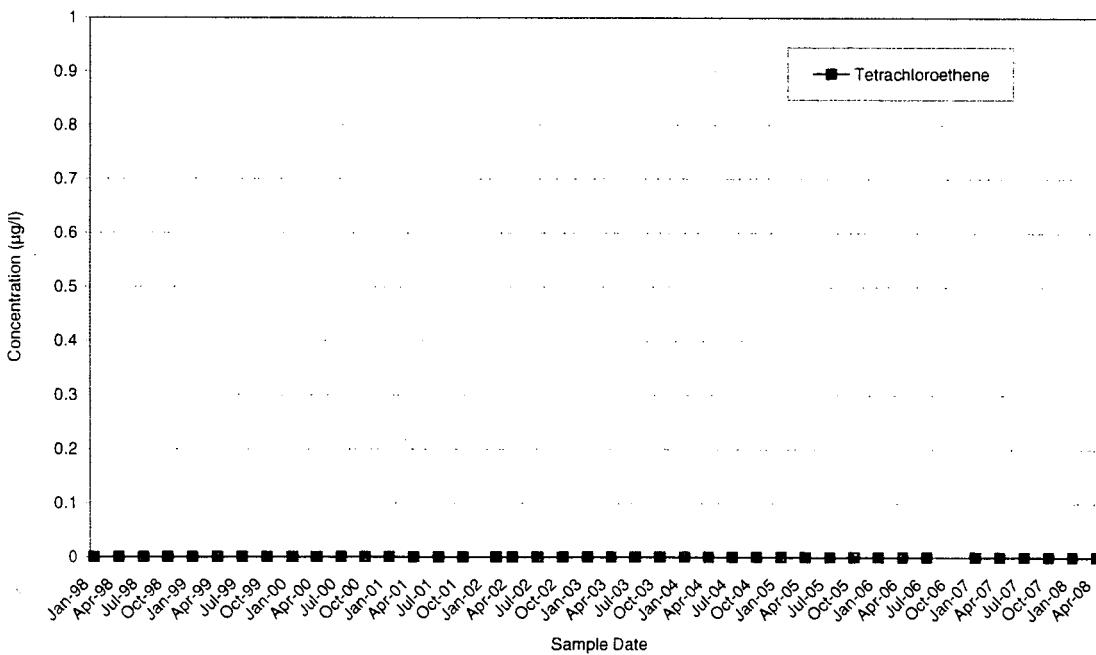


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

METHYLENE CHLORIDE
Cleanup Level (ESP) = 5 µg/l

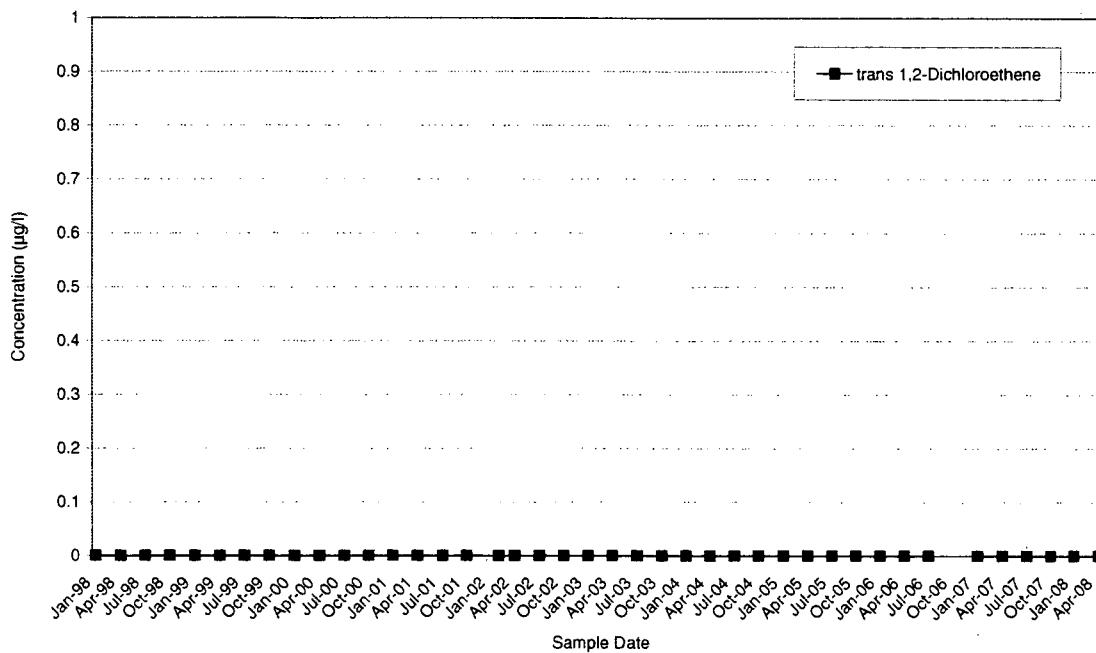


TETRACHLOROETHENE
Cleanup Level (ESP) = 5 µg/l

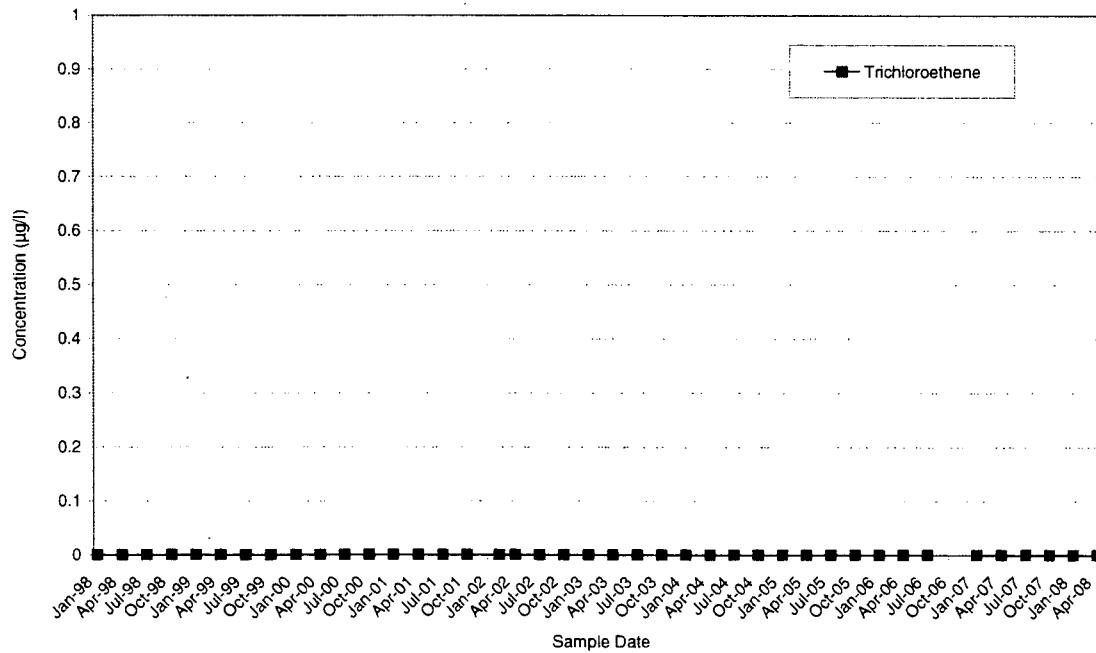


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

trans 1,2-DICHLOROETHENE
Cleanup Level (ESP) = 100 µg/l

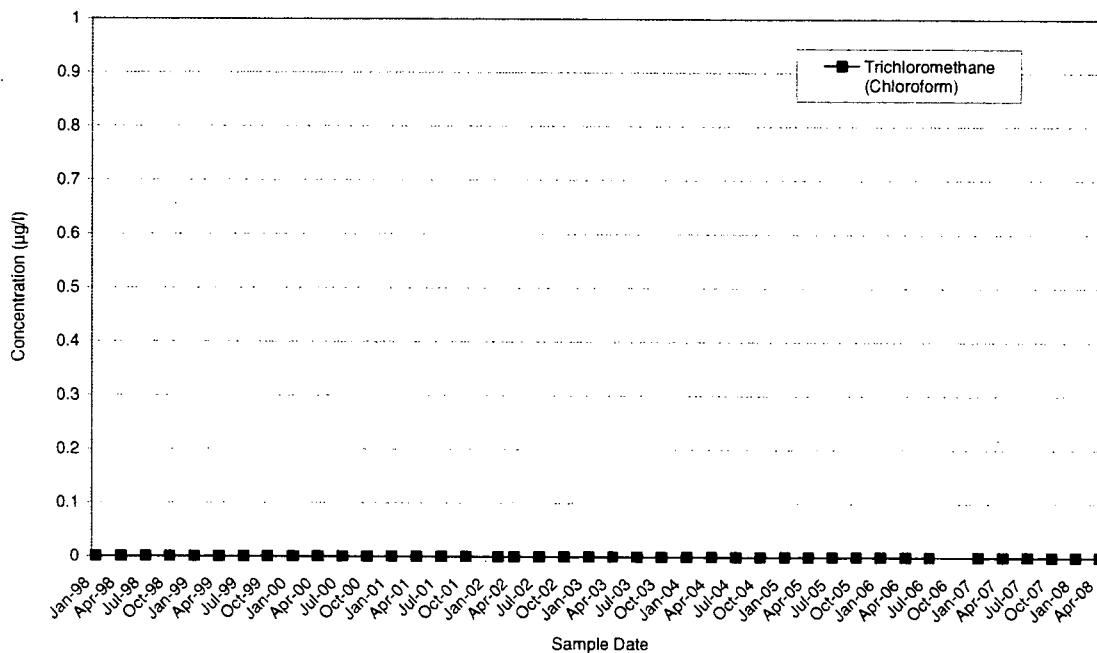


TRICHLOROETHENE
Cleanup Level (ESP) = 5 µg/l

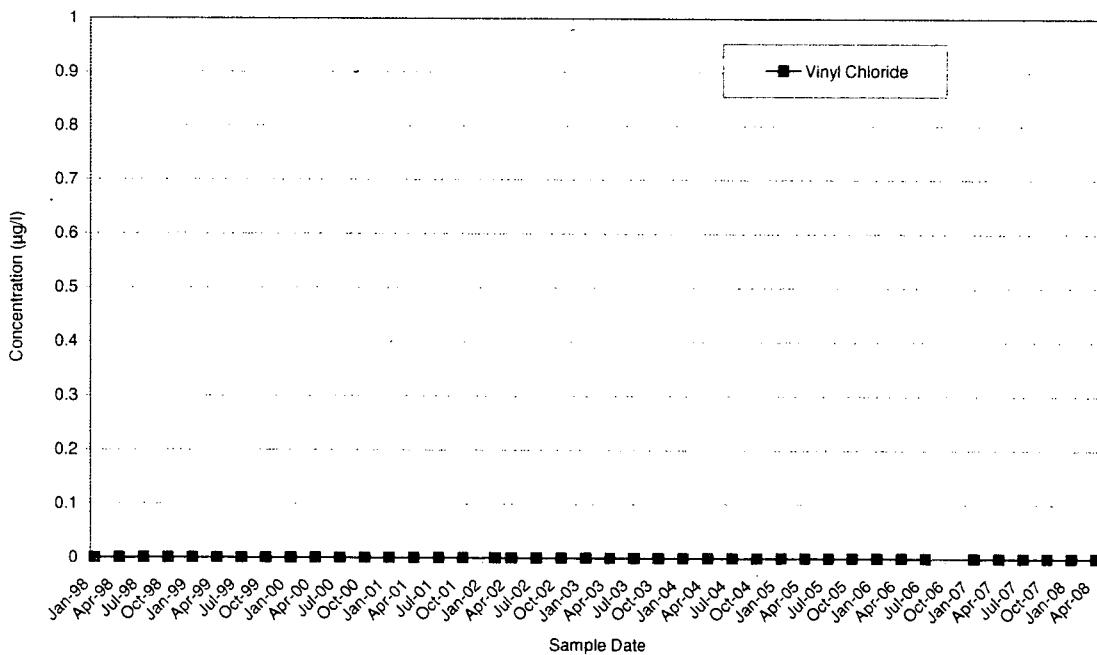


CHRIN BROTHERS LANDFILL
MW-2
TIME SERIES CHARTS

TRICHLOROMETHANE
Cleanup Level (ESP) = 100 µg/l

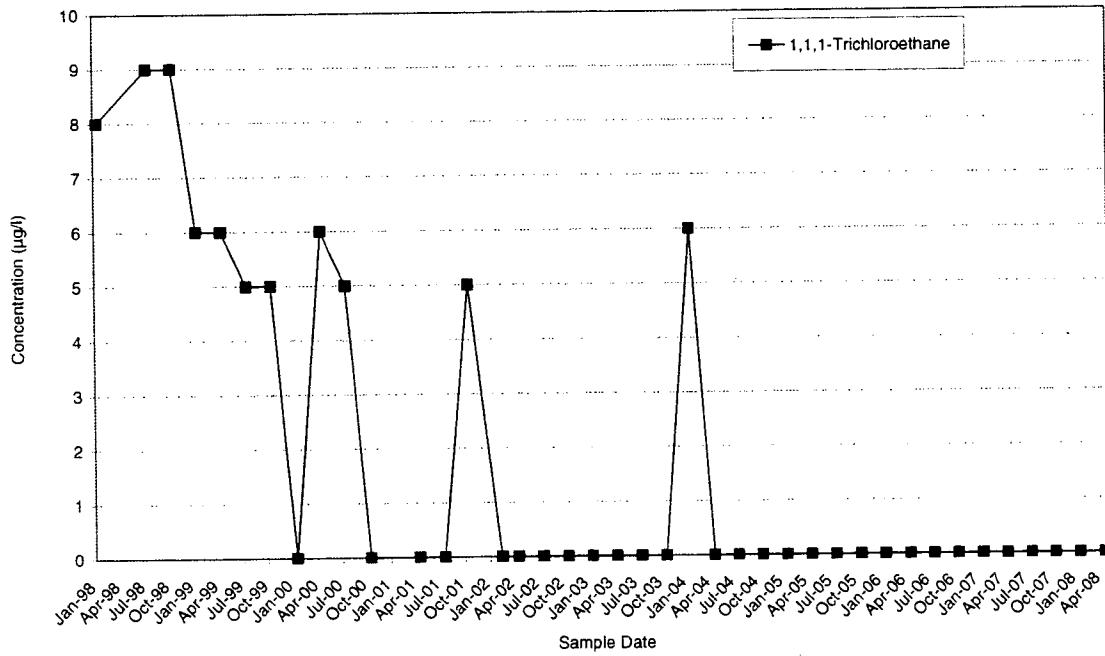


VINYL CHLORIDE
Cleanup Level (ESP) = 2 µg/l

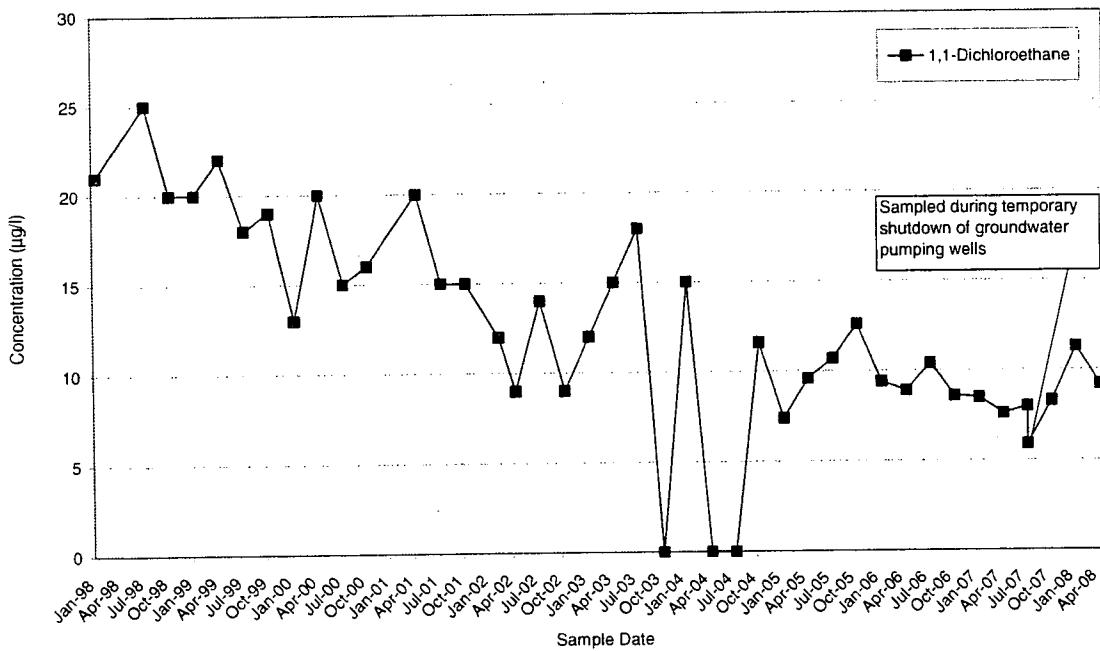


CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

1,1,1-TRICHLOROETHANE
 Cleanup Level (ESP) = 200 µg/l

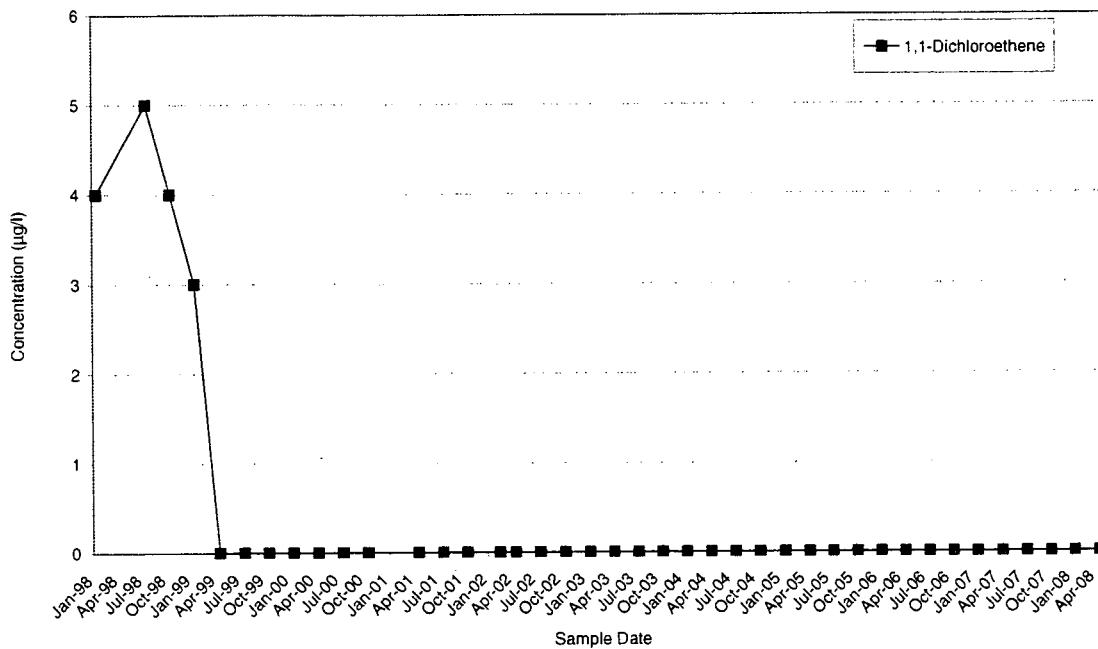


1,1-DICHLOROETHANE
 Cleanup Level (ESP) = 27 µg/l

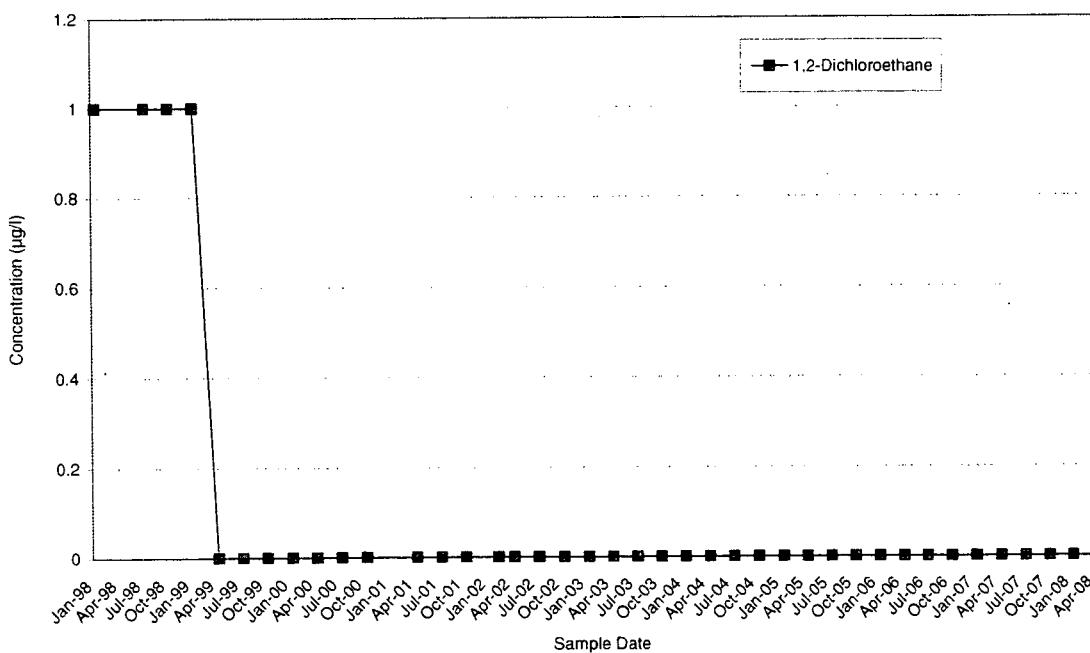


CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

1,1-DICHLOROETHENE
Cleanup Level (ESP) = 7 µg/l



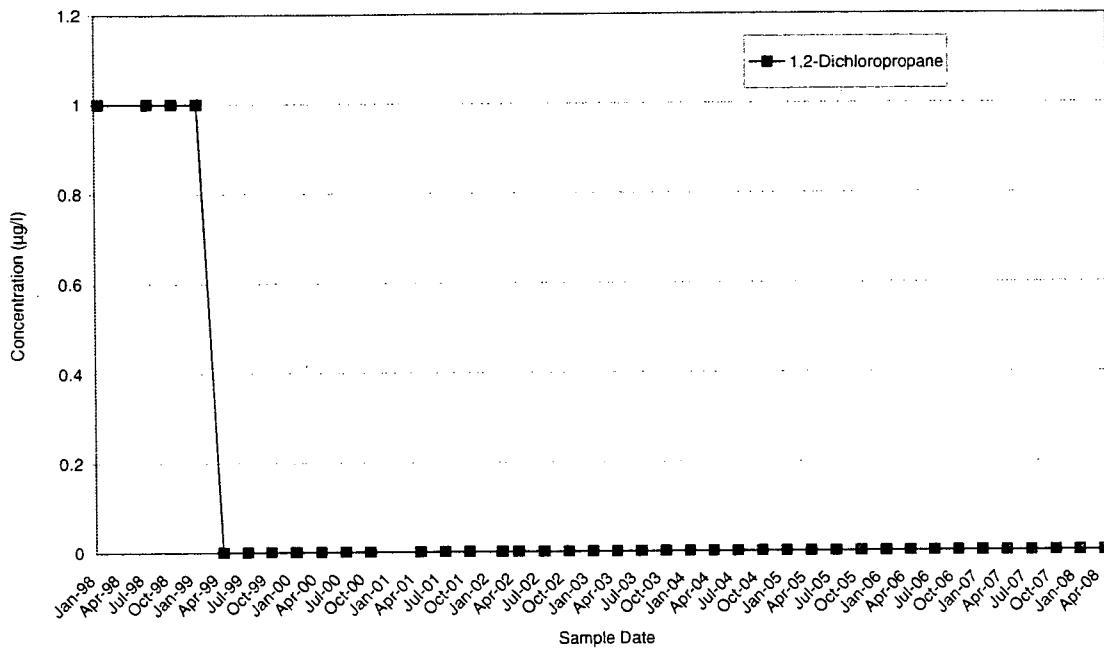
1,2-DICHLOROETHANE
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

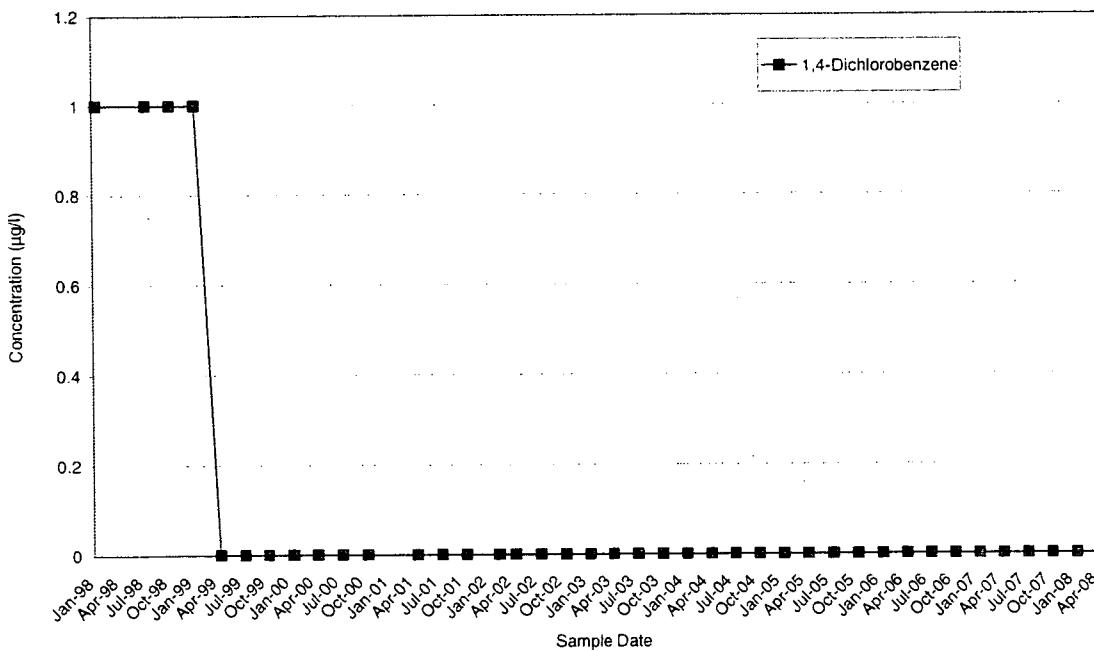
1,2-DICHLOROPROPANE

Cleanup Level (ESP) = 5 µg/l



1,4-DICHLOROBENZENE

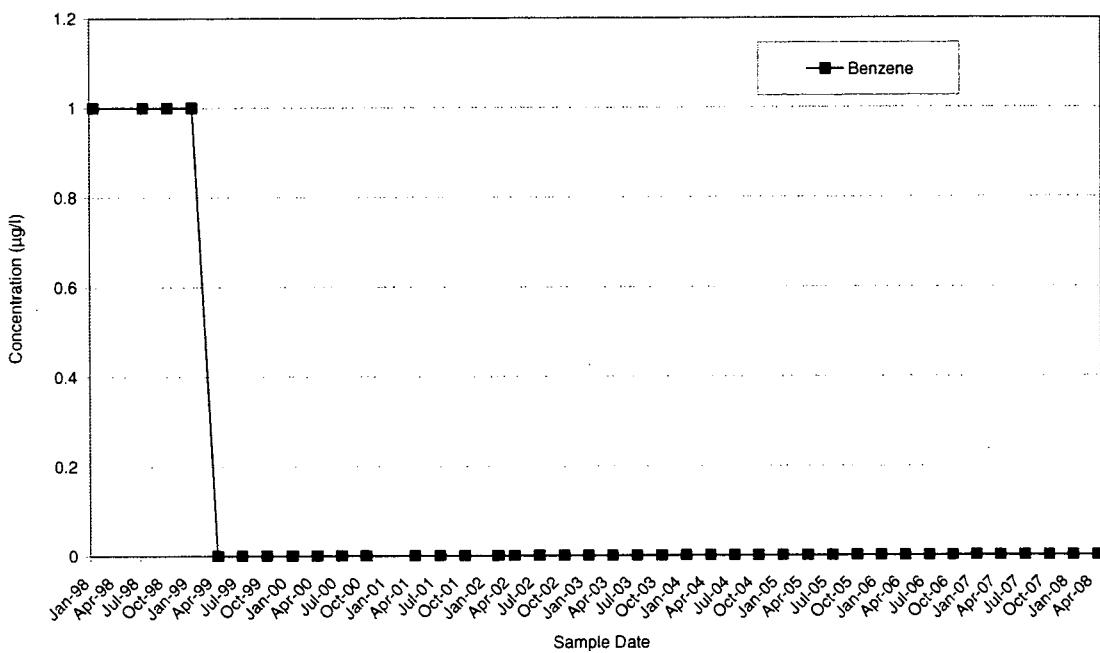
Cleanup Level (ESP) = 75 µg/l



CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

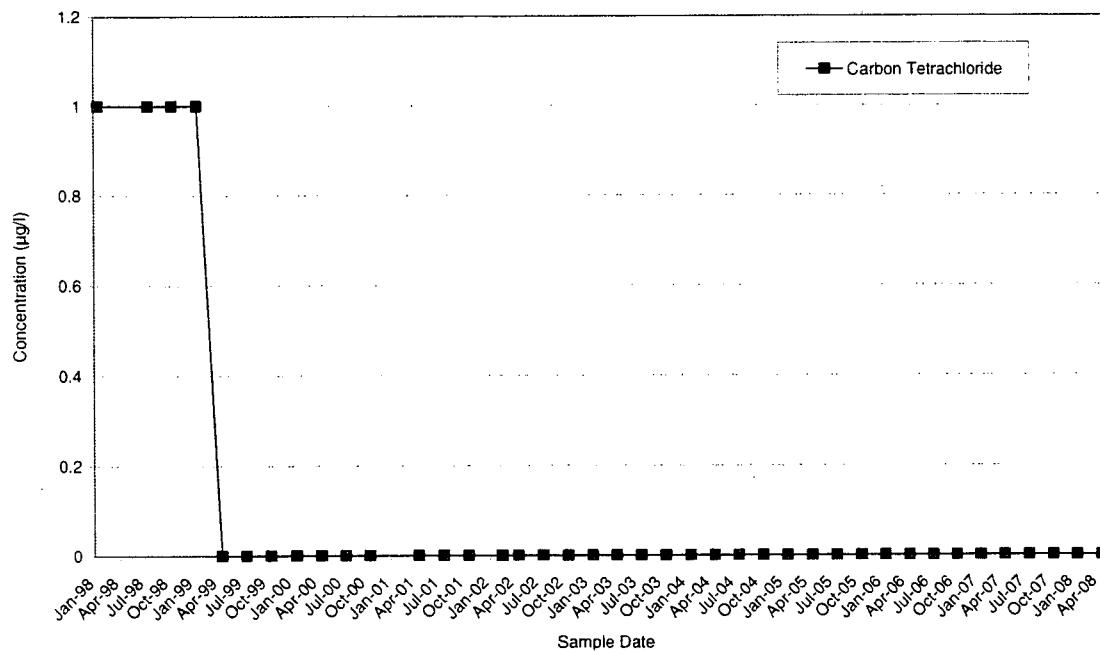
BENZENE

Cleanup Level (ESP) = 5 µg/l



CARBON TETRACHLORIDE

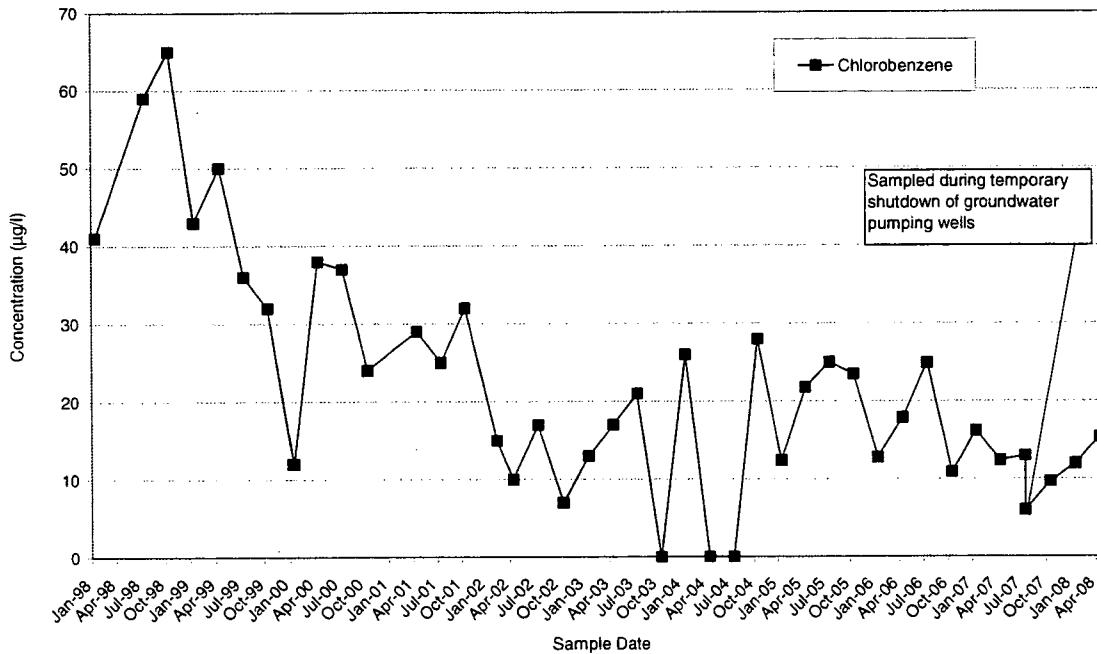
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

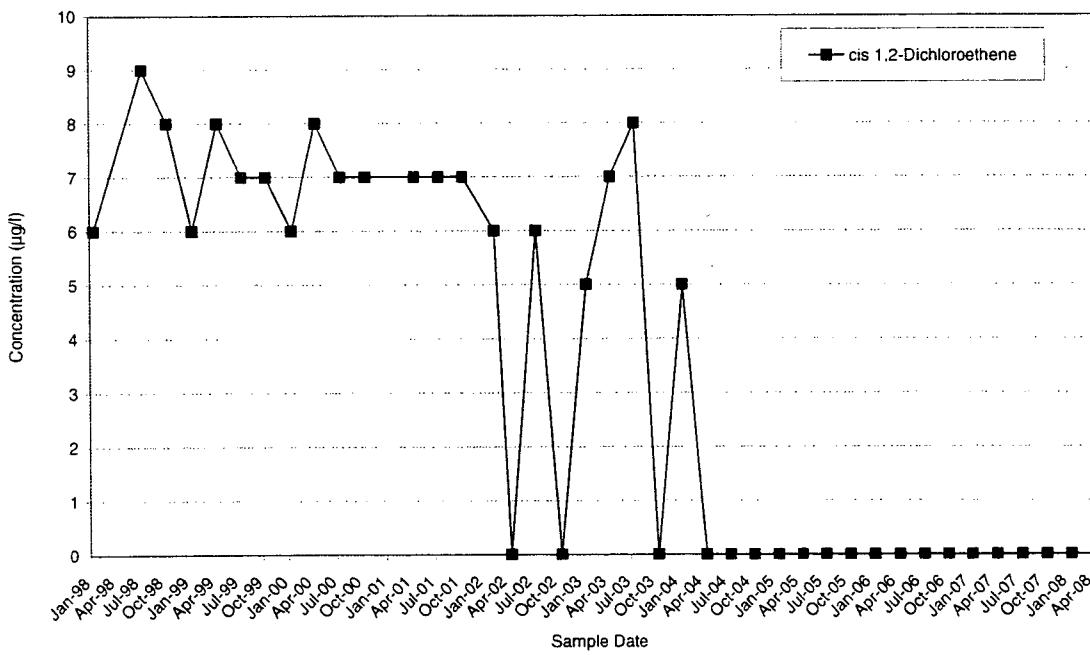
CHLOROBENZENE

Cleanup Level (ESP) = 100 µg/l



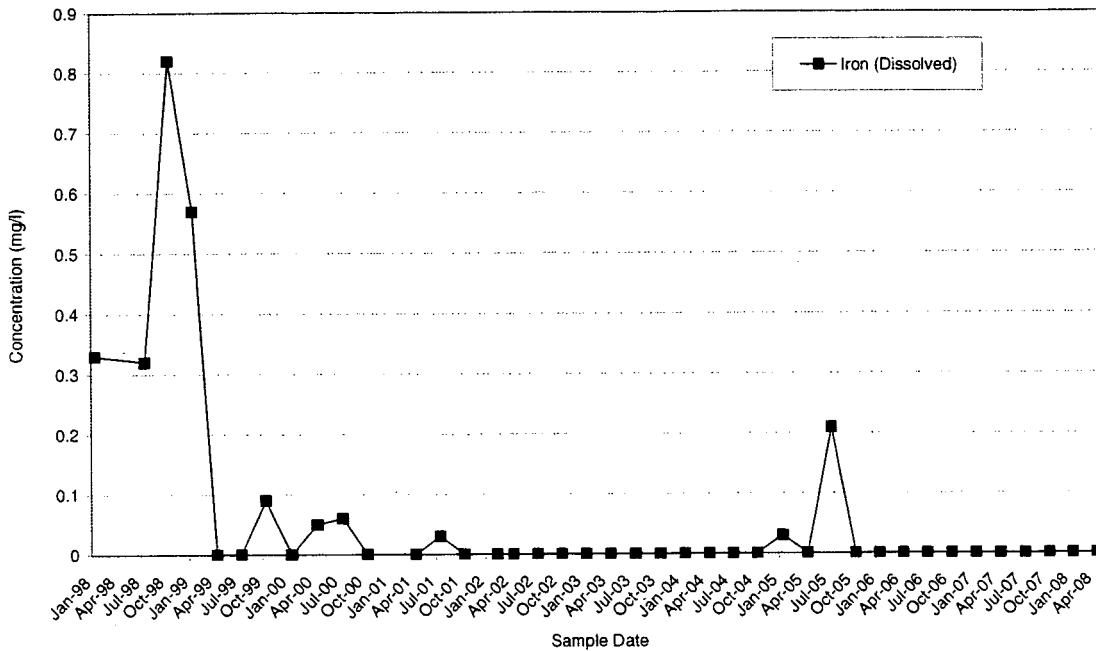
cis 1,2-DICHLOROETHENE

Cleanup Level (ESP) = 70 µg/l

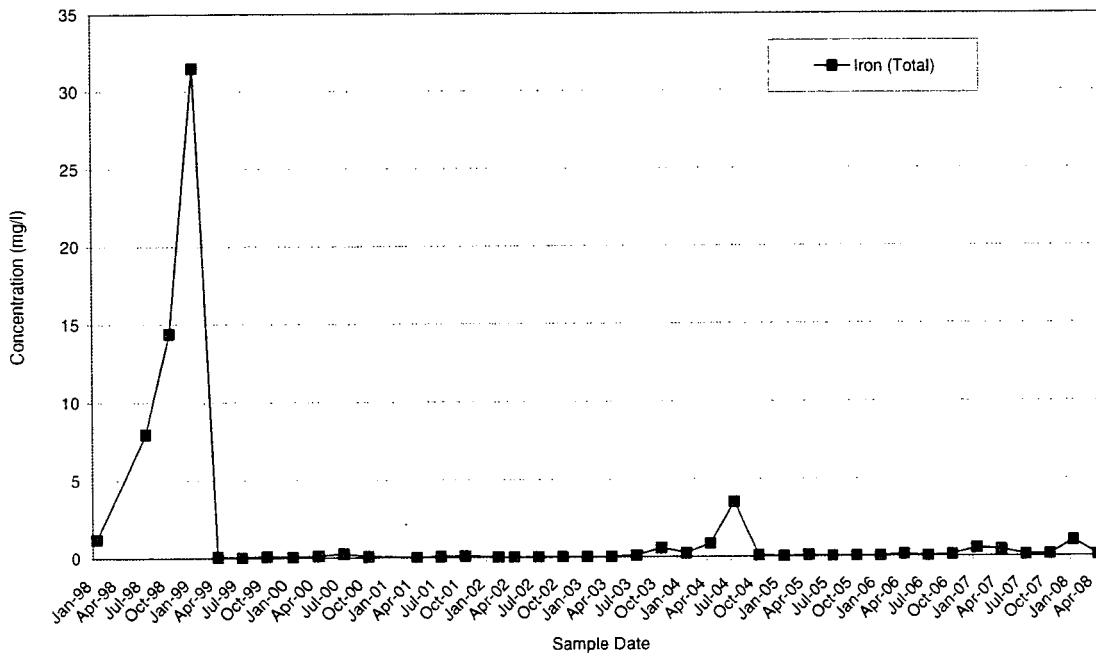


CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

IRON, DISSOLVED

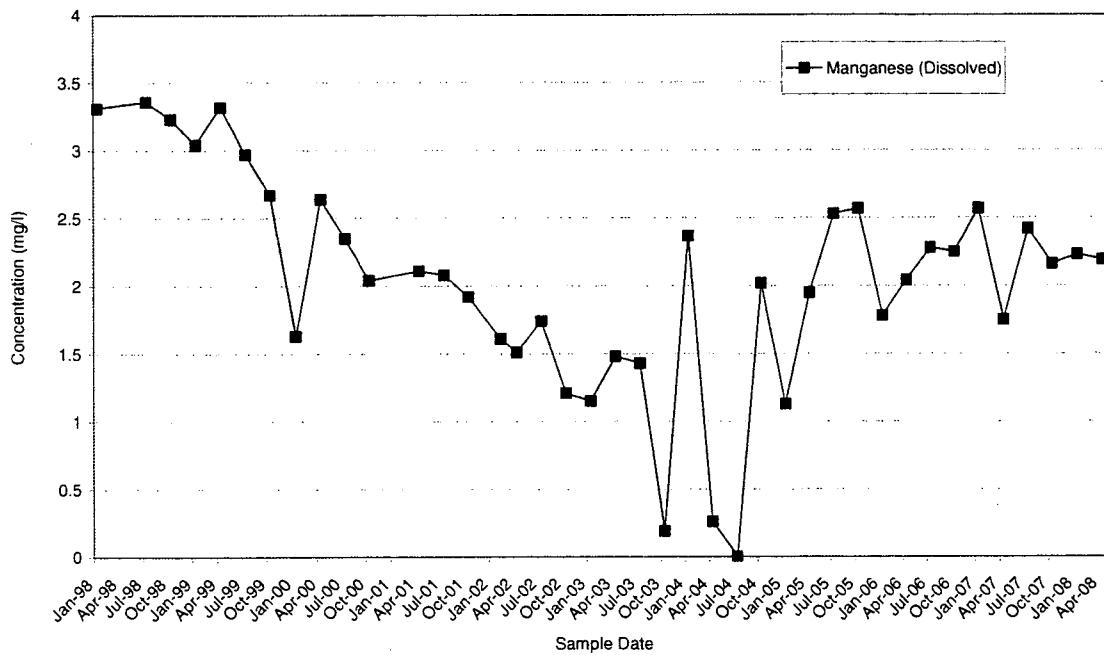


IRON, TOTAL

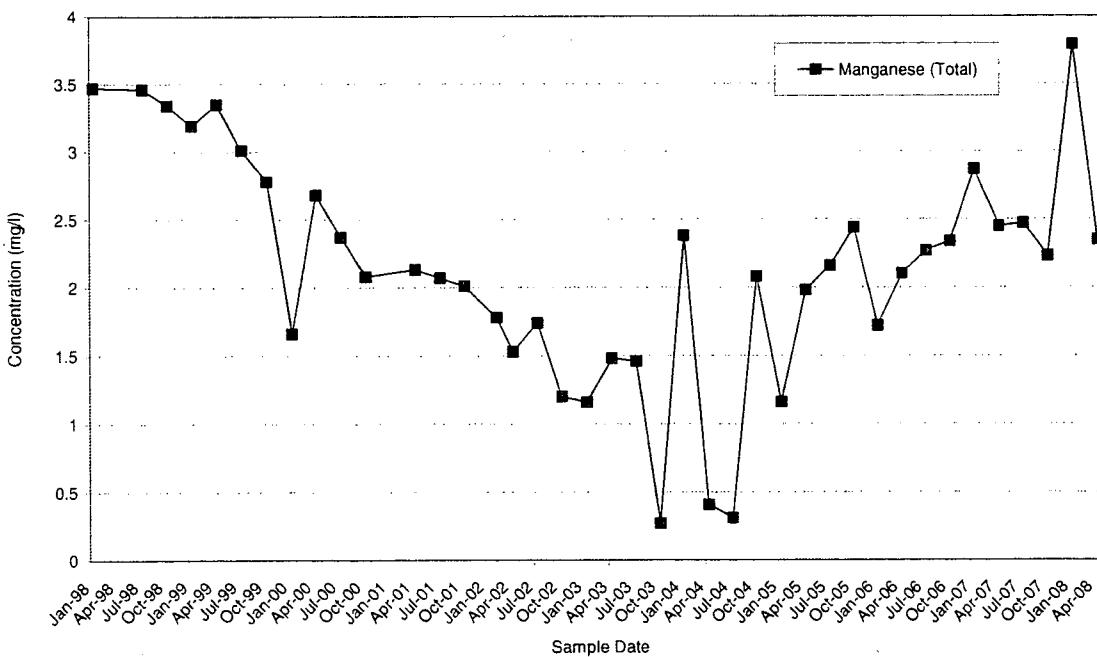


CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

MANGANESE, DISSOLVED

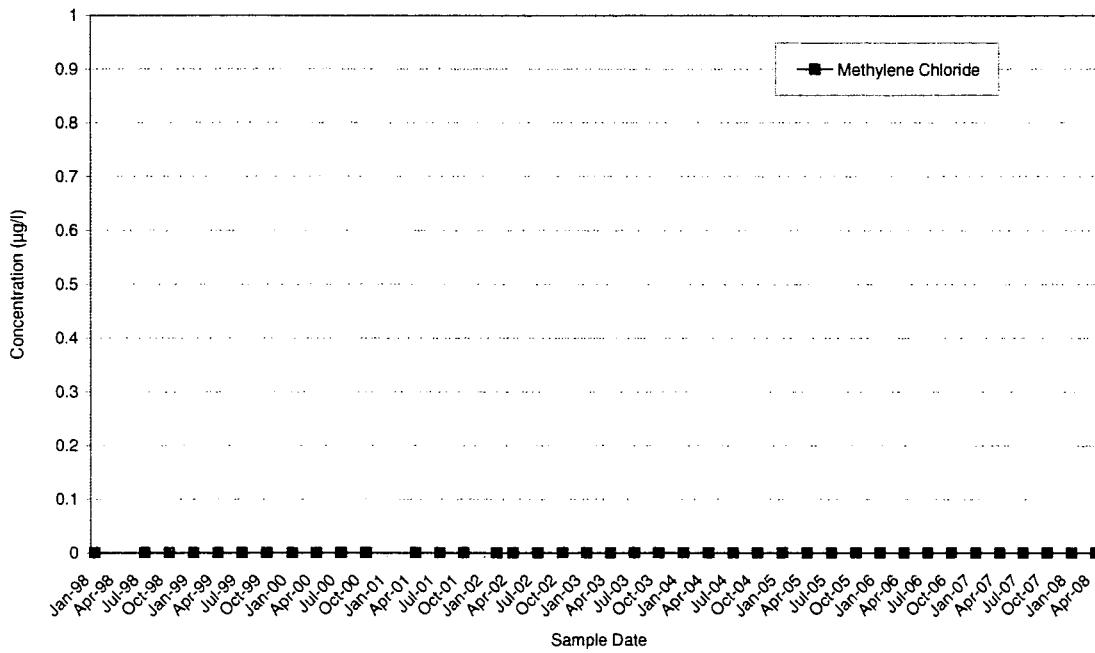


MANGANESE, TOTAL

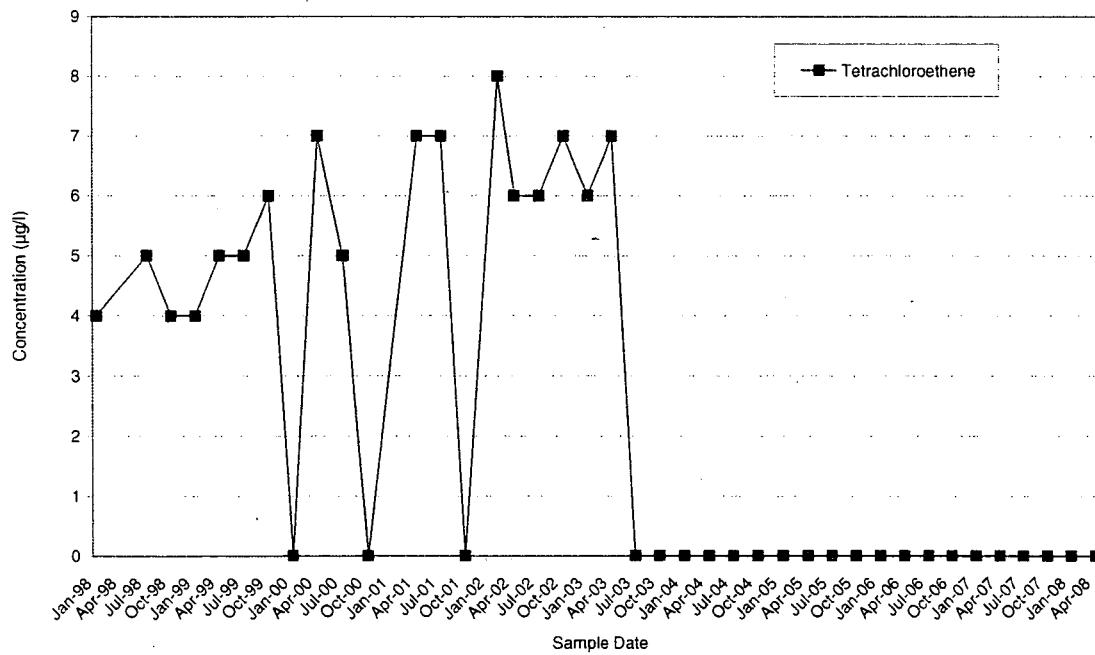


CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

METHYLENE CHLORIDE
Cleanup Level (ESP) = 5 µg/l

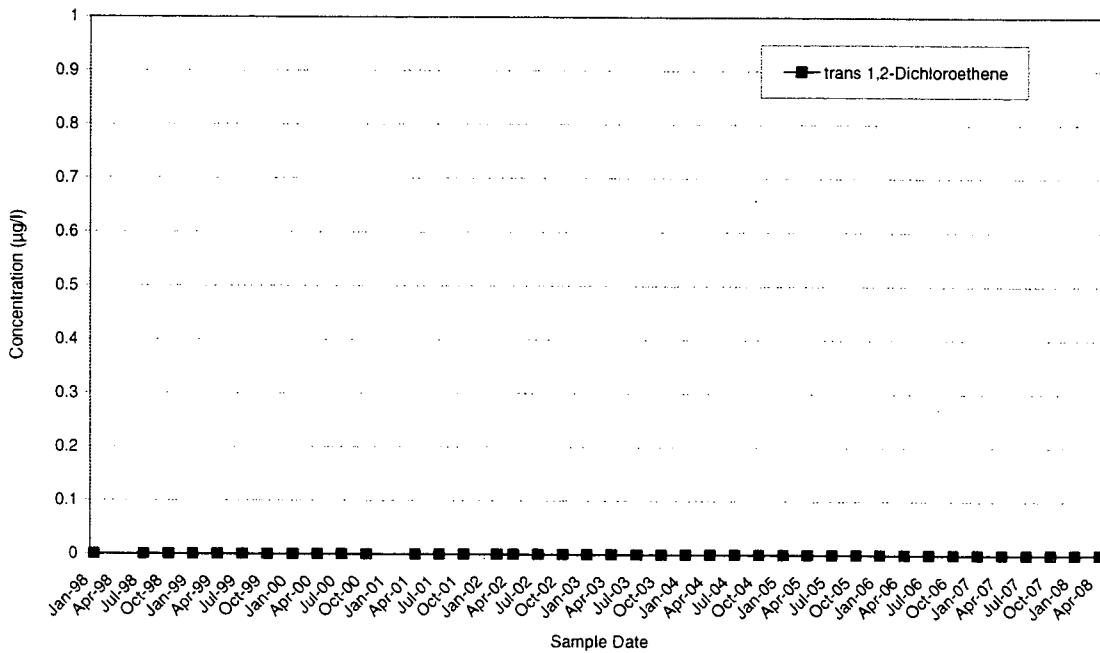


TETRACHLOROETHENE
Cleanup Level (ESP) = 5 µg/l

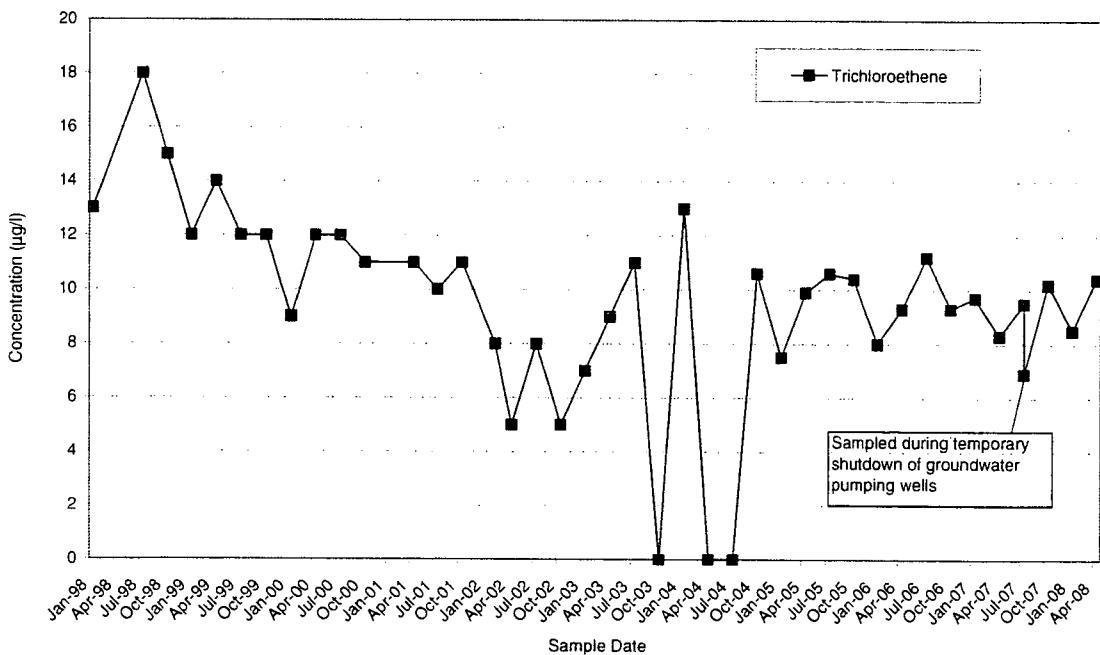


CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

trans 1,2-DICHLOROETHENE
 Cleanup Level (ESP) = 100 µg/l

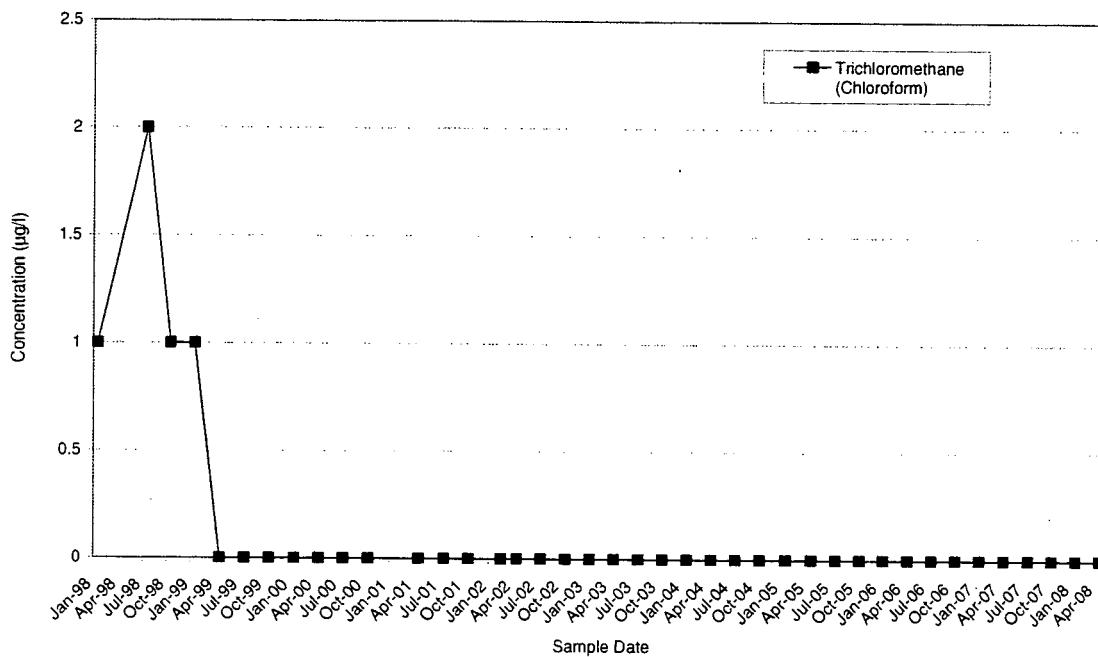


TRICHLOROETHENE
 Cleanup Level (ESP) = 5 µg/l

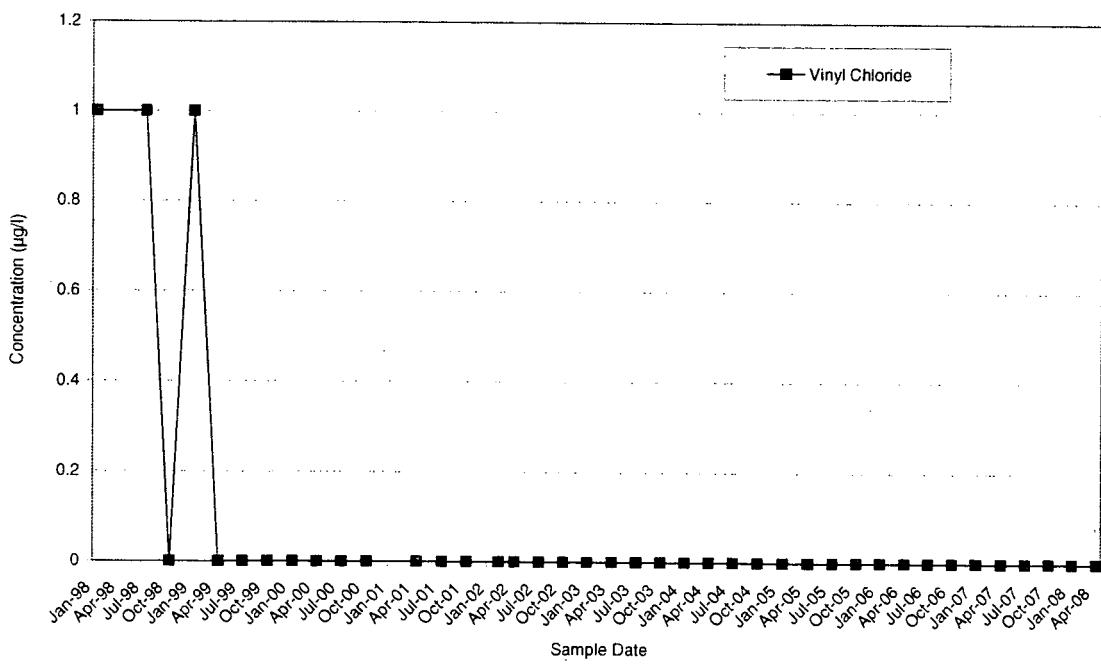


CHRIN BROTHERS LANDFILL
MW-9
TIME SERIES CHARTS

TRICHLOROMETHANE
Cleanup Level (ESP) = 100 µg/l

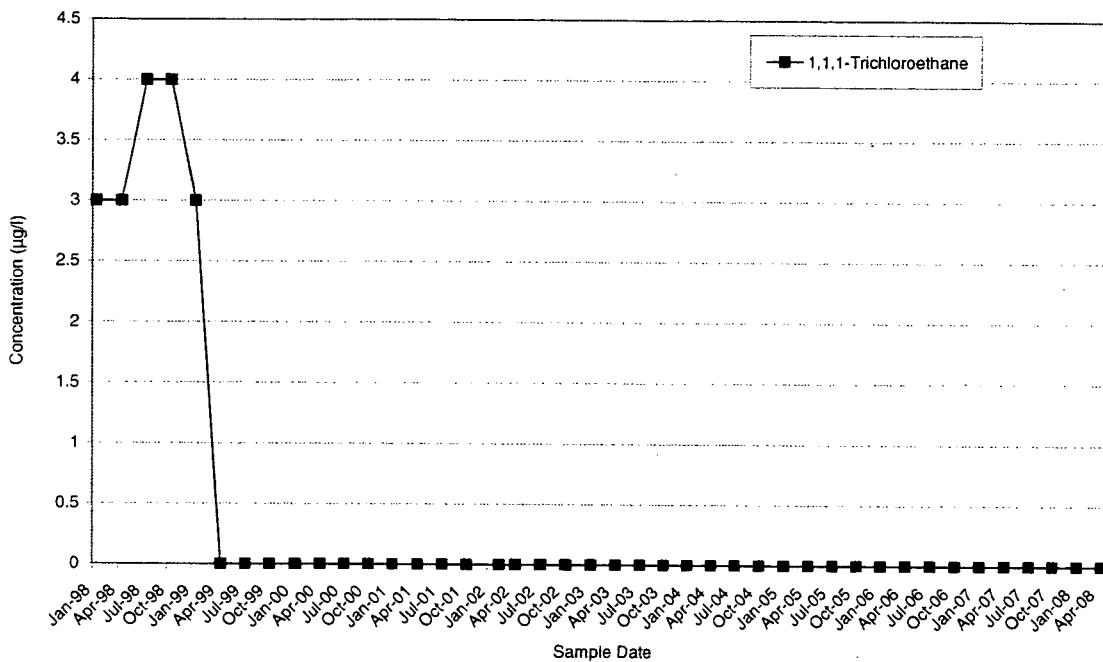


VINYL CHLORIDE
Cleanup Level (ESP) = 2 µg/l

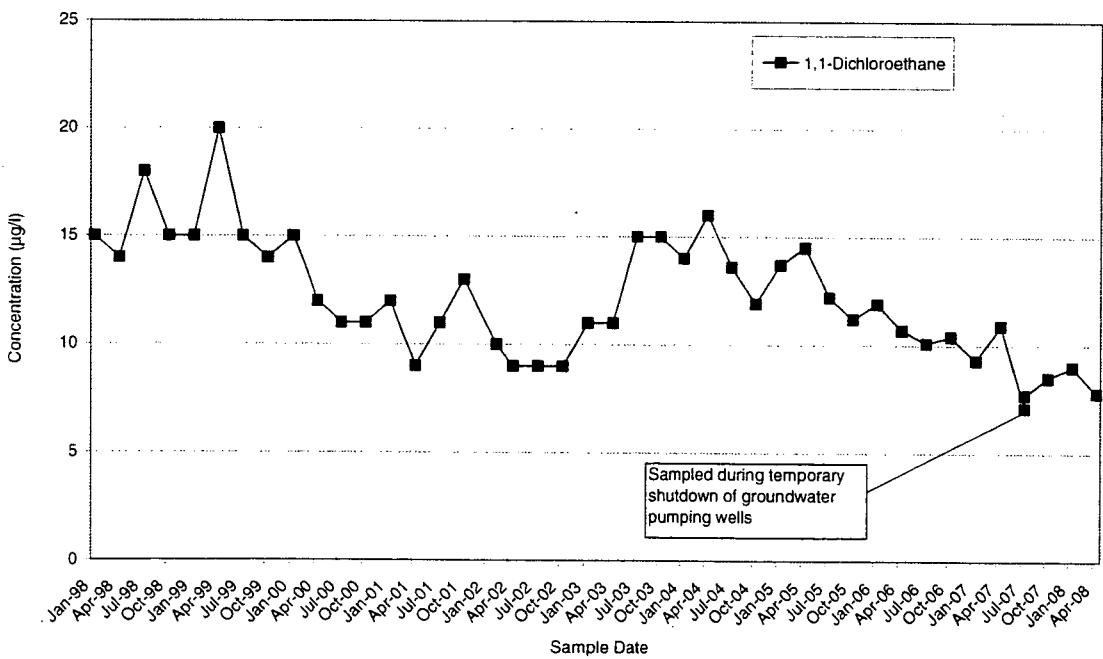


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

1,1,1-TRICHLOROETHANE
Cleanup Level (ESP) = 200 µg/l

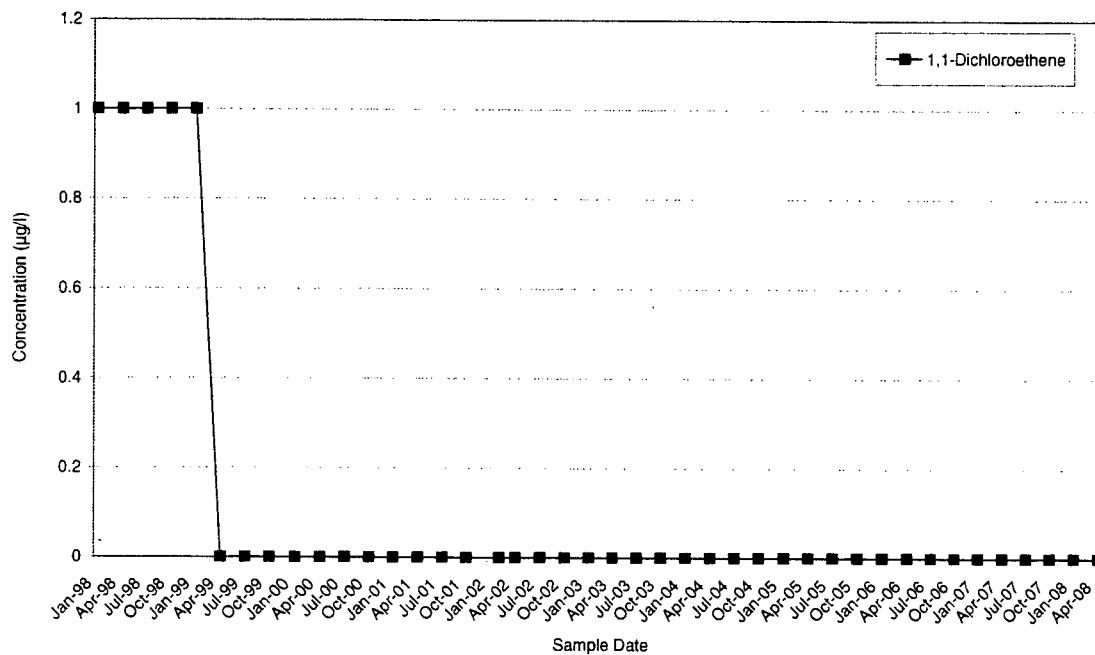


1,1-DICHLOROETHANE
Cleanup Level (ESP) = 27 µg/l

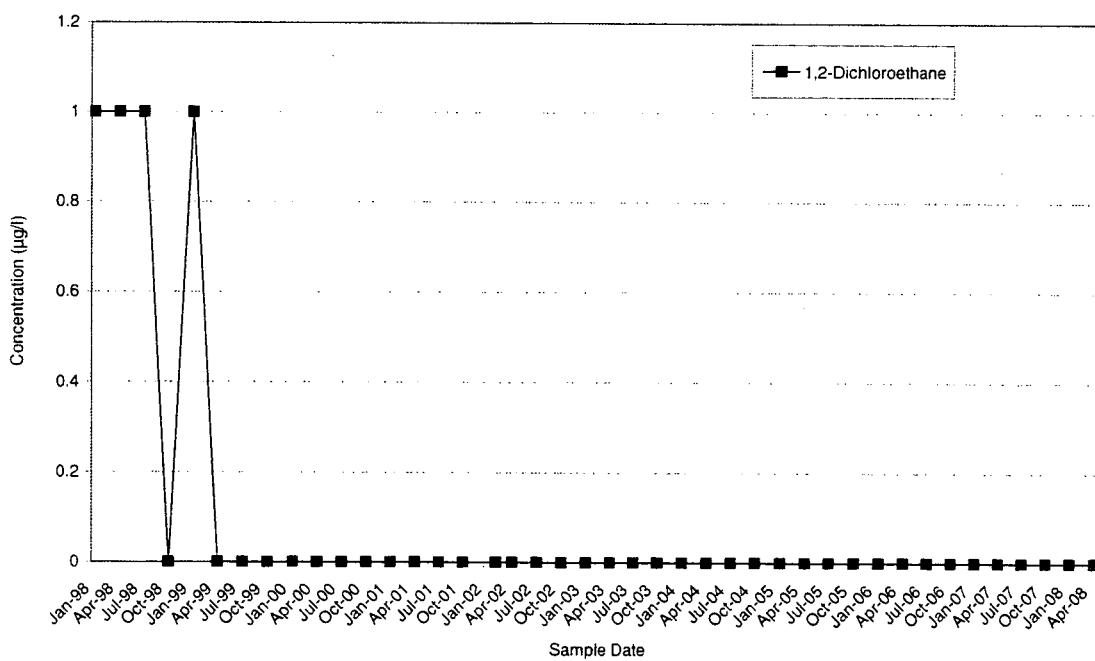


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

1,1-DICHLOROETHENE
Cleanup Level (ESP) = 7 µg/l

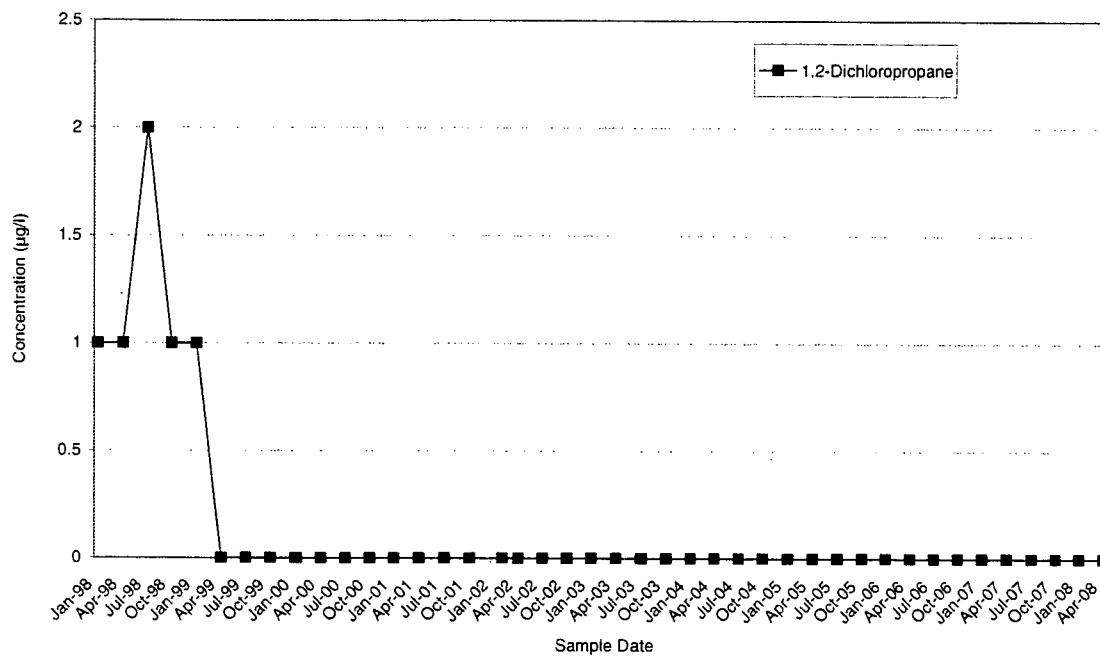


1,2-DICHLOROETHANE
Cleanup Level (ESP) = 5 µg/l

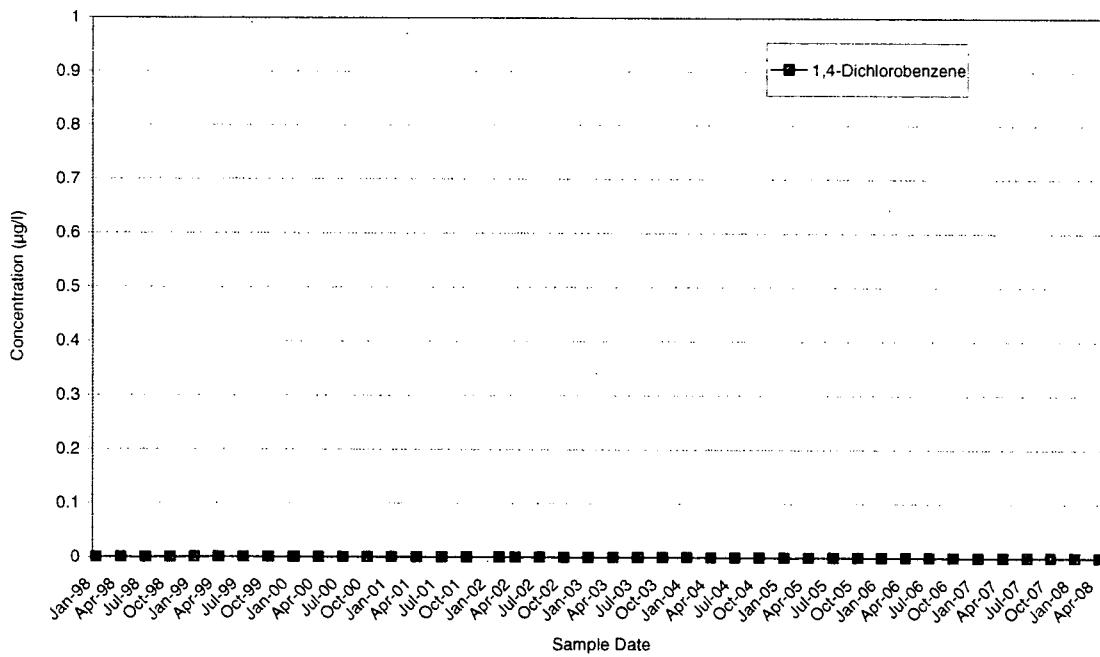


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

1,2-DICHLOROPROPANE
Cleanup Level (ESP) = 5 µg/l

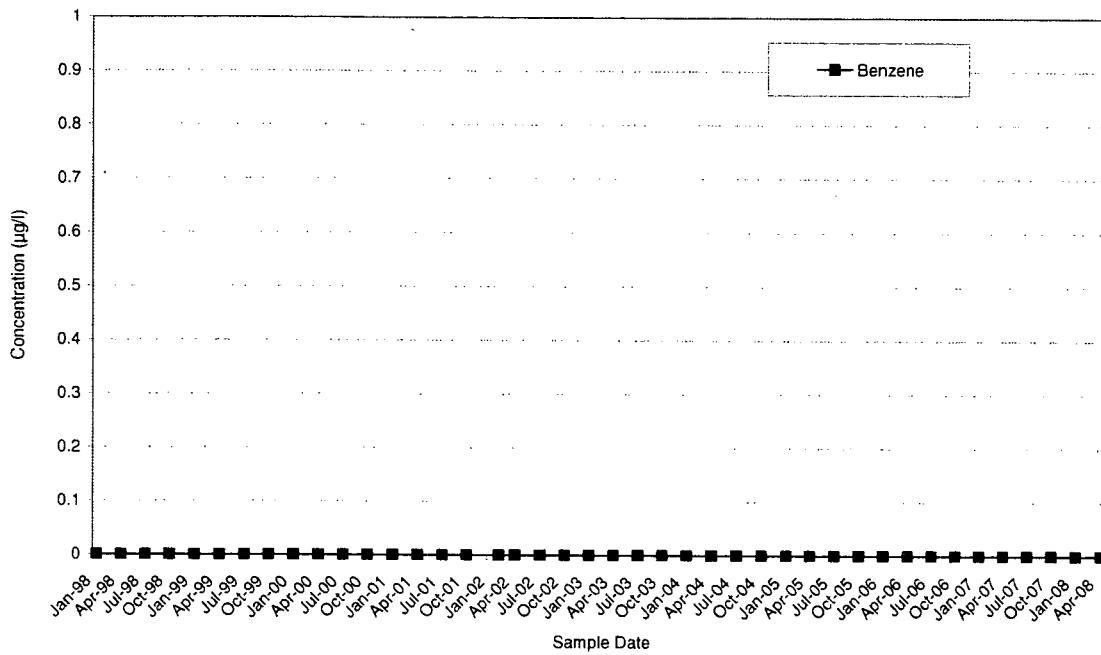


1,4-DICHLOROBENZENE
Cleanup Level (ESP) = 75 µg/l

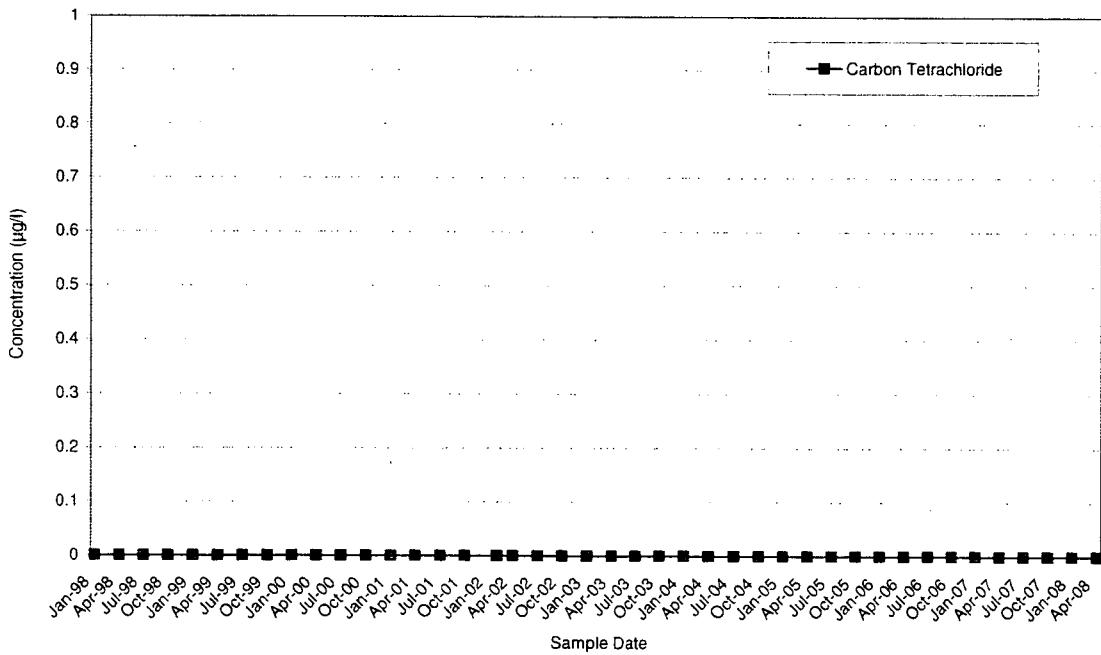


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

BENZENE
Cleanup Level (ESP) = 5 µg/l

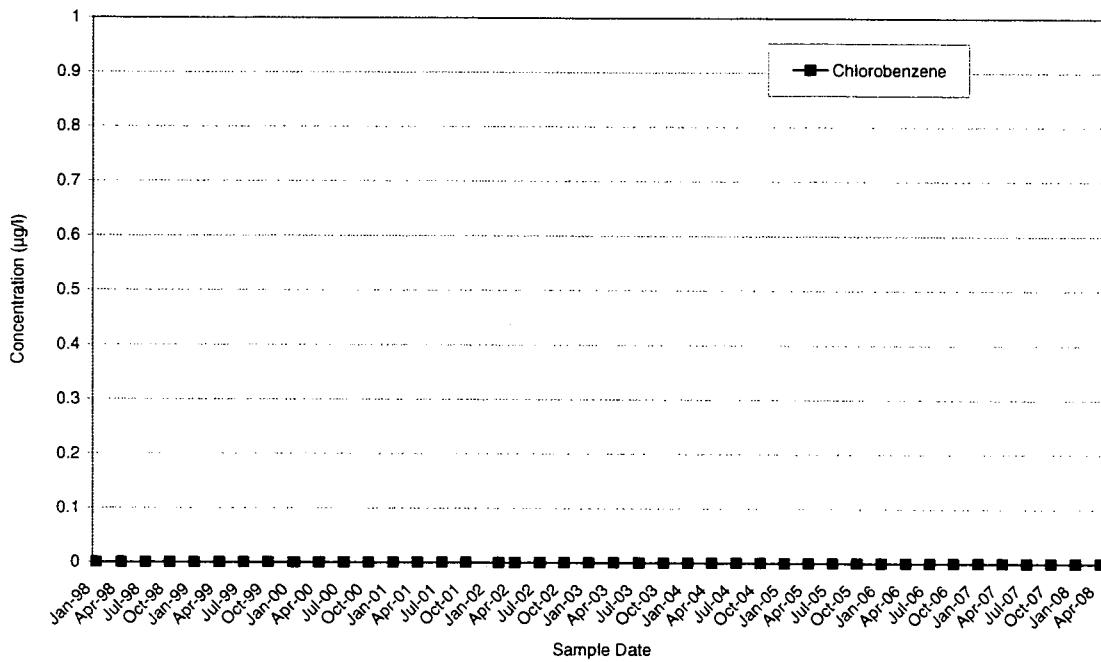


CARBON TETRACHLORIDE
Cleanup Level (ESP) = 5 µg/l

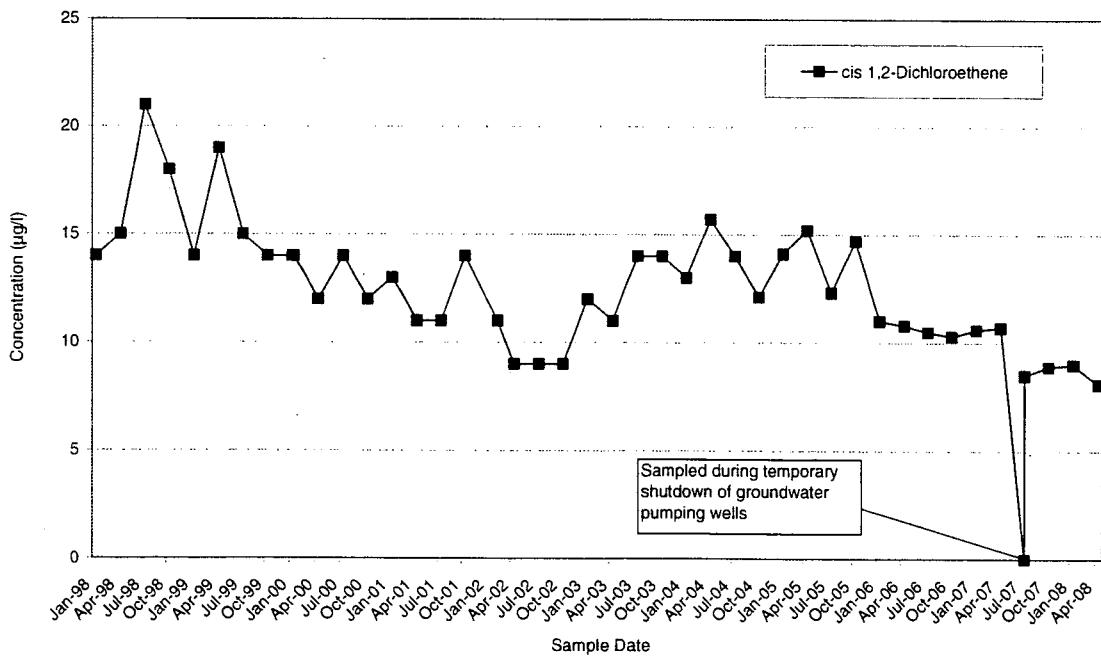


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

CHLOROBENZENE
 Cleanup Level (ESP) = 100 µg/l

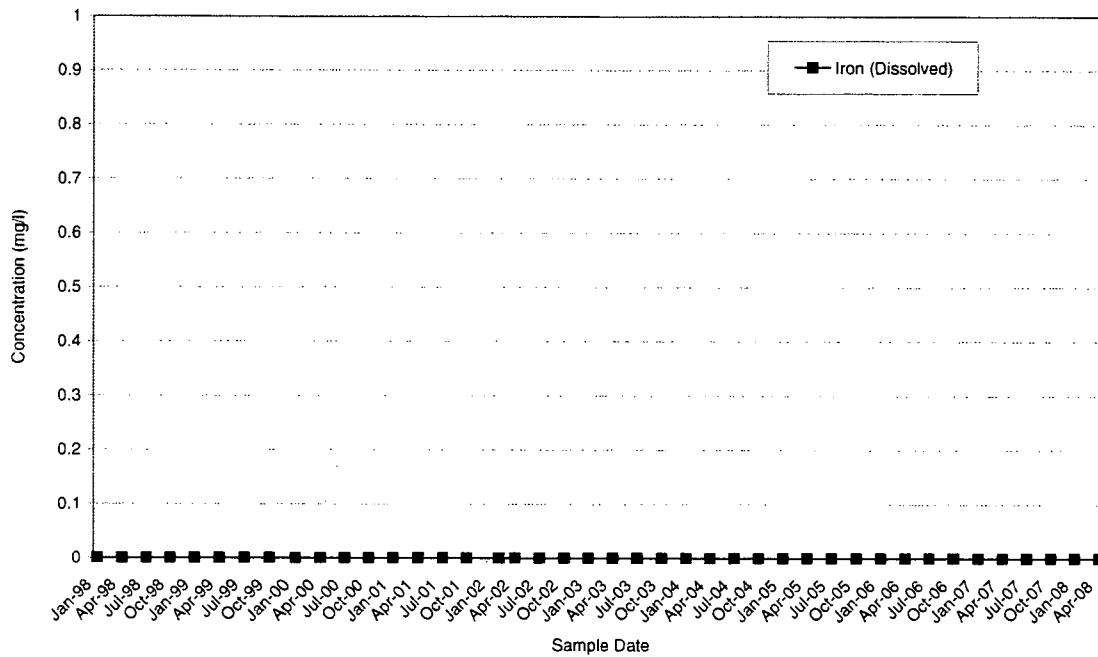


cis 1,2-DICHLOROETHENE
 Cleanup Level (ESP) = 70 µg/l

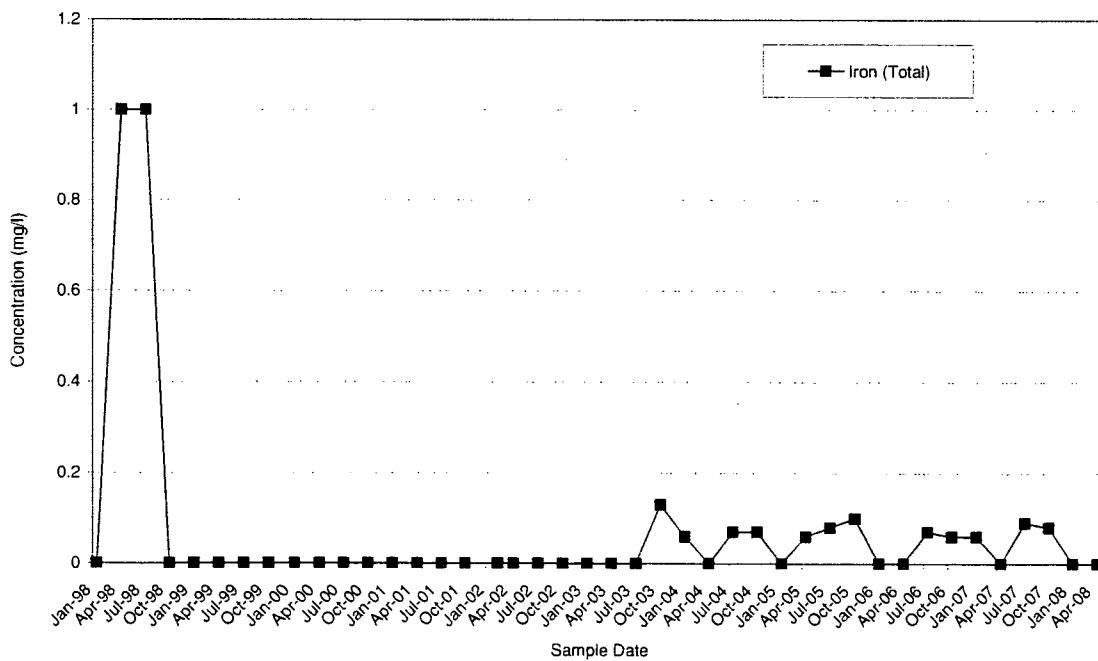


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

IRON, DISSOLVED

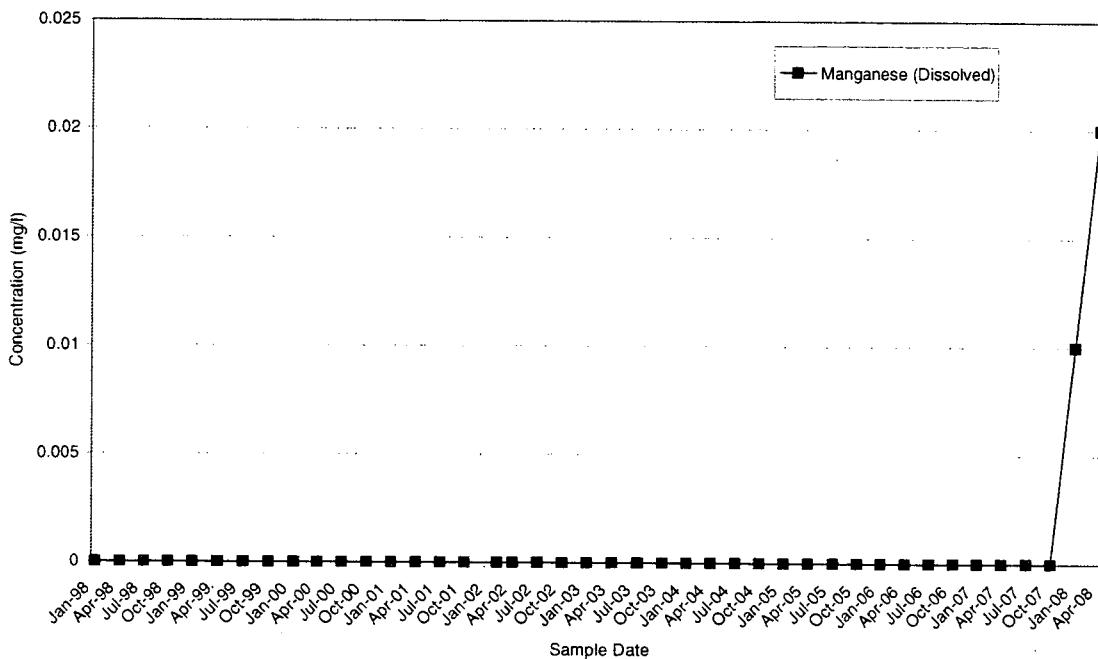


IRON, TOTAL

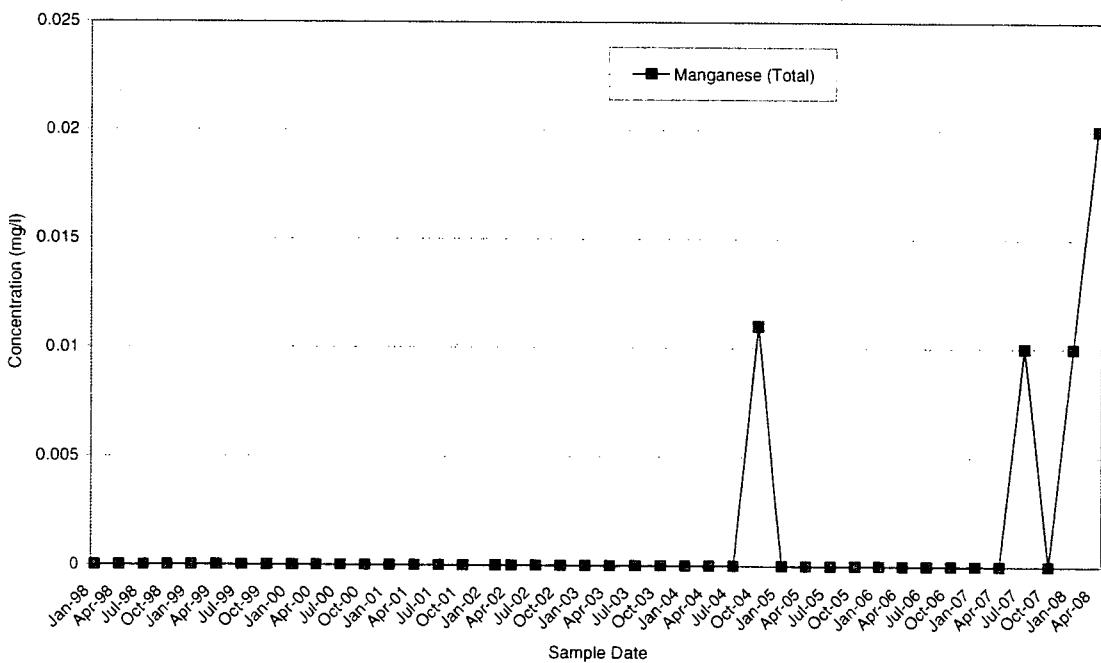


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

MANGANESE, DISSOLVED

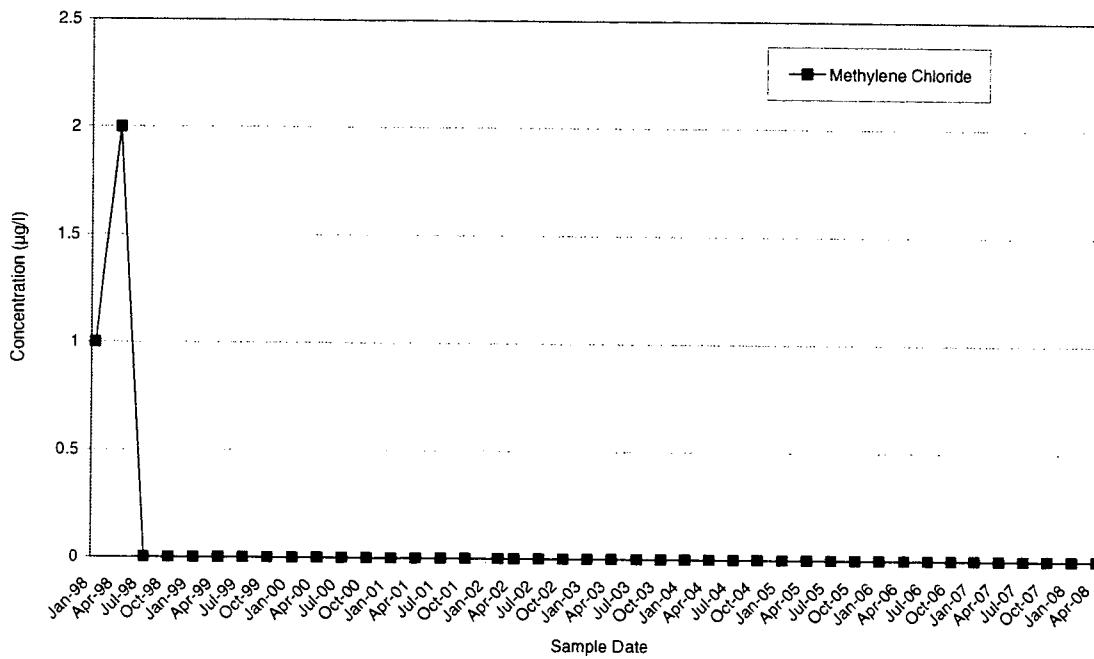


MANGANESE, TOTAL

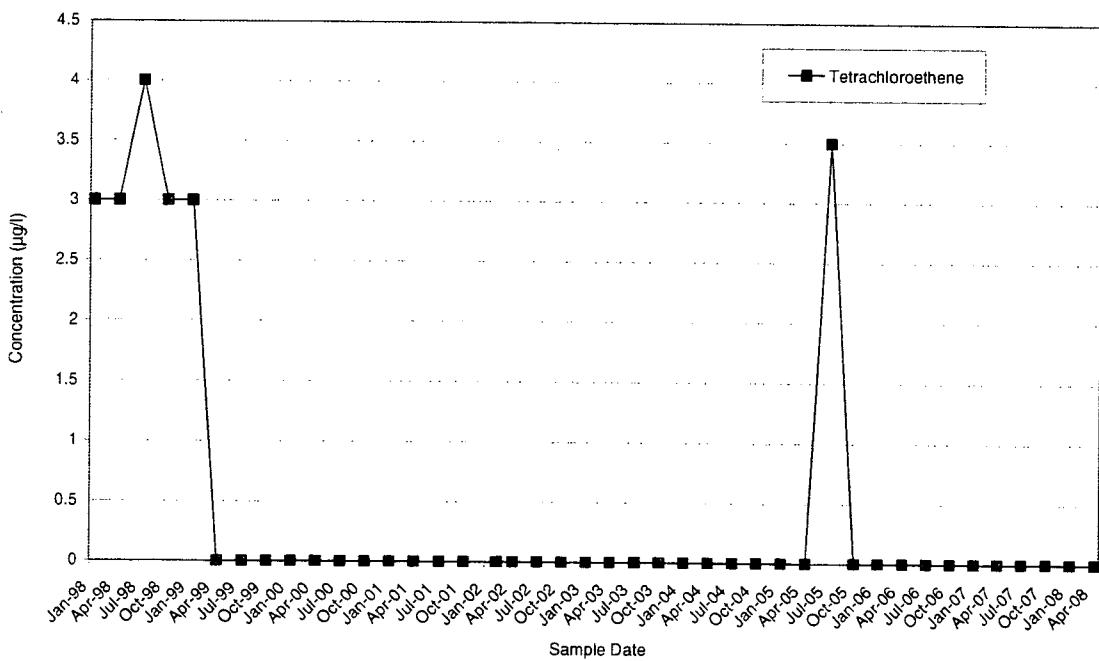


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

METHYLENE CHLORIDE
Cleanup Level (ESP) = 5 µg/l

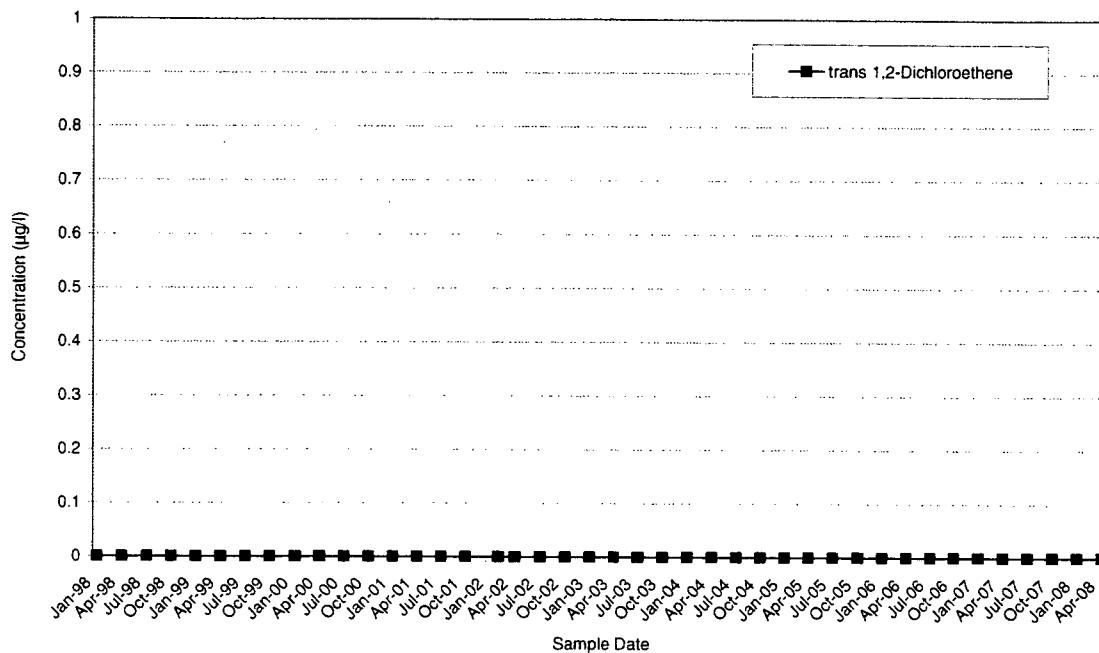


TETRACHLOROETHENE
Cleanup Level (ESP) = 5 µg/l

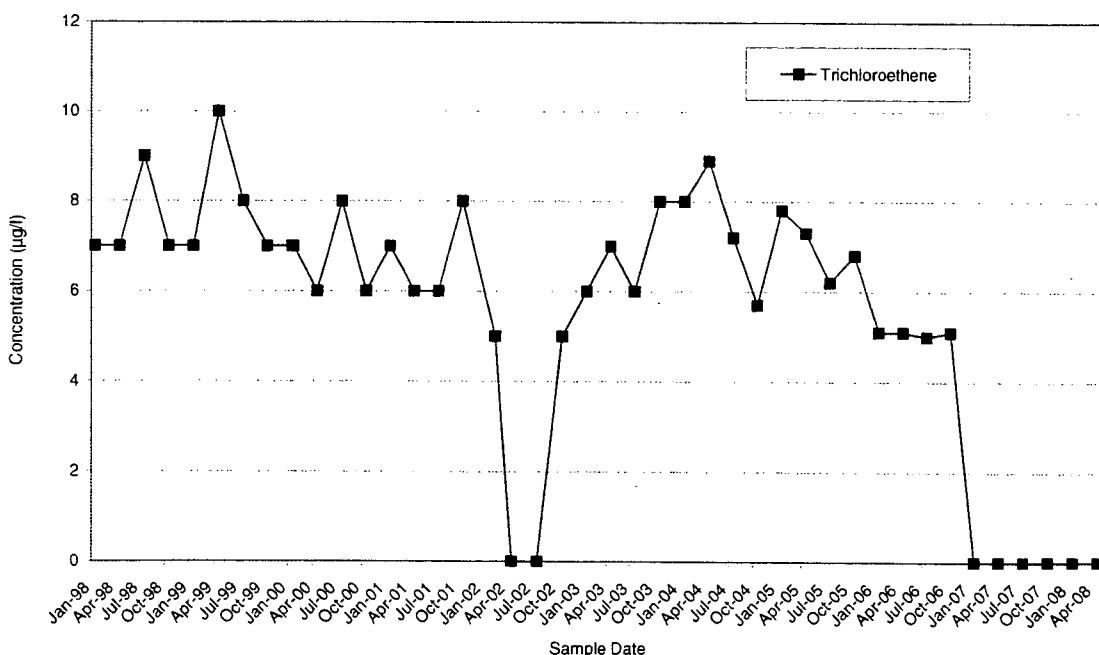


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

trans 1,2-DICHLOROETHENE
Cleanup Level (ESP) = 100 µg/l

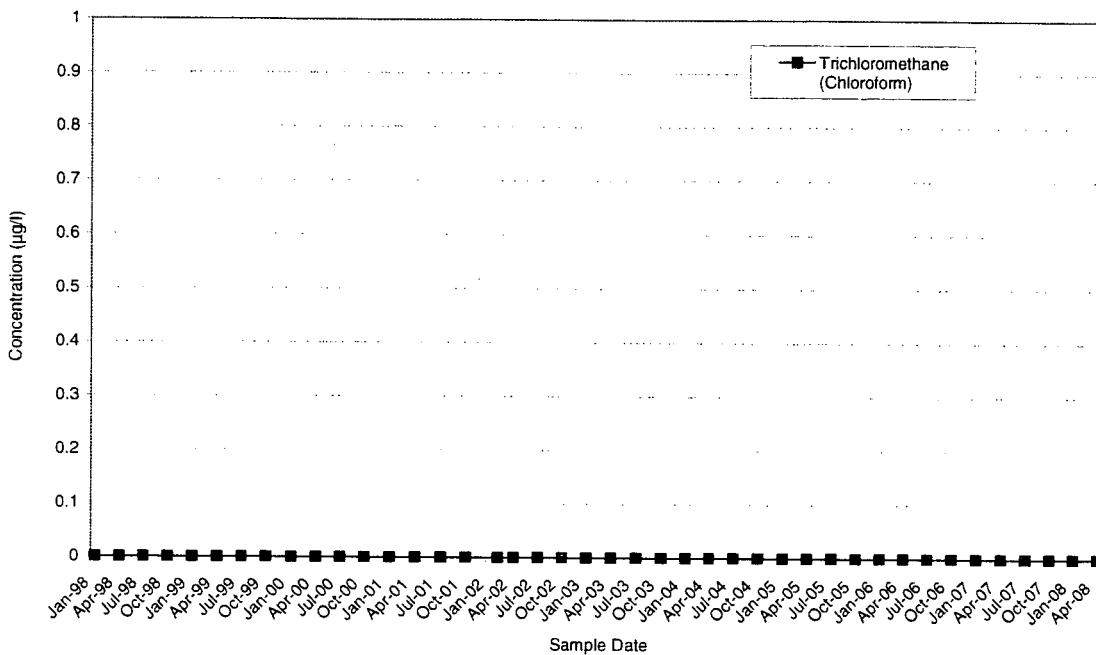


TRICHLOROETHENE
Cleanup Level (ESP) = 5 µg/l

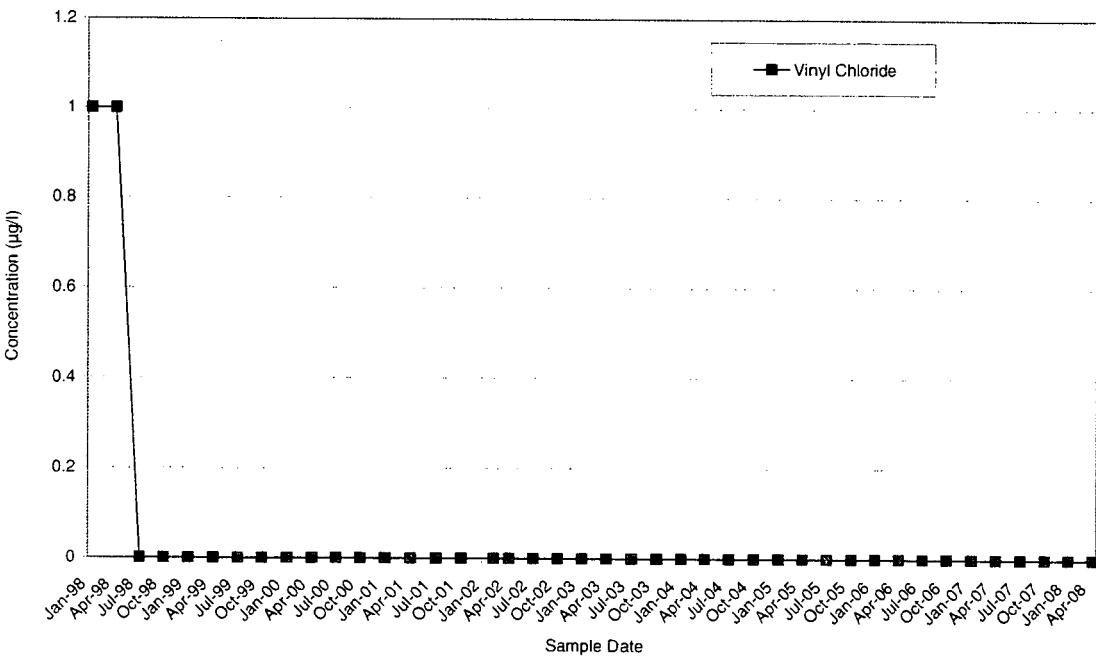


CHRIN BROTHERS LANDFILL
PZ-3
TIME SERIES CHARTS

TRICHLOROMETHANE
Cleanup Level (ESP) = 100 µg/l



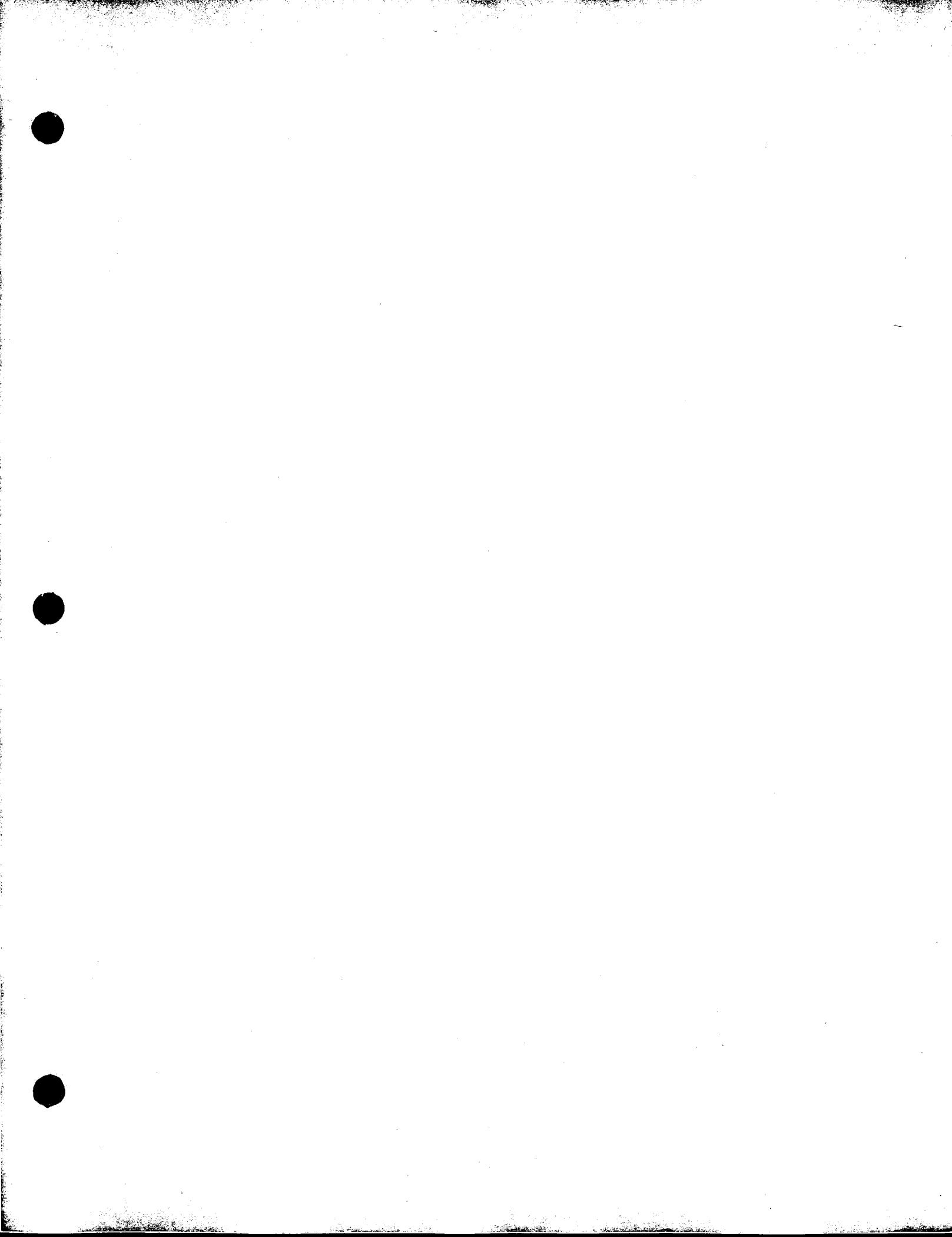
VINYL CHLORIDE
Cleanup Level (ESP) = 2 µg/l





APPENDIX C

GROUNDWATER TREATMENT SYSTEM PUMPING TOTALS



APPENDIX C

GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
August-03	1249956.00	1298020.00
September-03	2658650.00	1199925.33
October-03	1886252.00	1210882.00
November-03	706339.67	1073278.67
12/1/2003	272447	441912
12/2/2003	296067	472421
12/3/2003	321142	504355
12/4/2003	346034	536352
12/5/2003	370408	568299
12/6/2003	0	0
12/7/2003	0	0
12/8/2003	444619	664755
12/9/2003	469224	696744
12/10/2003	494014	728979
12/11/2003	520053	762770
12/12/2003	543668	793430
12/13/2003	568594	825689
12/14/2003	0	0
12/15/2003	619644	892168
12/16/2003	643182	923188
12/17/2003	667802	955448
12/18/2003	692937	988242
12/19/2003	717588	1020485
12/20/2003	743129	1053787
12/21/2003	0	0
12/22/2003	793965	1118918
12/23/2003	0	0
12/24/2003	843639	1185167
12/25/2003	0	0
12/26/2003	0	0
12/27/2003	0	0
12/28/2003	0	0
12/29/2003	968171	1347536
12/30/2003	992212	1379226
12/31/2003	1016927	1411941
1/1/2004	0	0
1/2/2004	1047925	1478910
1/3/2004	1070995	1511377
1/4/2004	0	0
1/5/2004	1119772	1578280
1/6/2004	1143513	1610995
1/7/2004	1167922	1643049

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
1/8/2004	1192174	1675947
1/9/2004	1216772	1708901
1/10/2004	0	0
1/11/2004	0	0
1/12/2004	0	0
1/13/2004	1311841	1842755
1/14/2004	1335033	1874233
1/15/2004	1359835	1907605
1/16/2004	1384210	1940365
1/17/2004	0	0
1/18/2004	0	0
1/19/2004	1458401	2040825
1/20/2004	1481630	2072590
1/21/2004	0	0
1/22/2004	0	0
1/23/2004	1554999	2169631
1/24/2004	1578147	2202974
1/25/2004	0	0
1/26/2004	1625747	2269626
1/27/2004	0	0
1/28/2004	1671381	2334734
1/29/2004	0	0
1/30/2004	1718426	2401742
1/31/2004	1740425	2433194
2/1/2004	0	0
2/2/2004	1788939	2500593
2/3/2004	1811825	2531552
2/4/2004	1836149	2564405
2/5/2004	1860476	2597358
2/6/2004	1884358	2629672
2/7/2004	0	0
2/8/2004	0	0
2/9/2004	1956752	2727793
2/10/2004	1980373	2759777
2/11/2004	2004120	2792490
2/12/2004	2028670	2825962
2/13/2004	2052316	2858251
2/14/2004	2076455	2891389
2/15/2004	0	0
2/16/2004	2125514	2958361
2/17/2004	2151006	2993135
2/18/2004	0	0

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
2/19/2004	2197256	3056291
2/20/2004	2220659	3088103
2/21/2004	0	0
2/22/2004	0	0
2/23/2004	2292677	3186109
2/24/2004	2317911	3220256
2/25/2004	0	0
2/26/2004	2364438	3283079
2/27/2004	2388775	3315869
2/28/2004	0	0
2/29/2004	0	0
3/1/2004	0	0
3/2/2004	0	0
3/3/2004	0	0
3/4/2004	0	0
3/5/2004	0	0
3/6/2004	0	0
3/7/2004	0	0
3/8/2004	0	0
3/9/2004	2506530	3475244
3/10/2004	2534589	3513591
3/11/2004	2555669	3542666
3/12/2004	2577565	3572938
3/13/2004	0	0
3/14/2004	0	0
3/15/2004	2649230	3671814
3/16/2004	2672822	3704249
3/17/2004	0	0
3/18/2004	2724653	3776196
3/19/2004	2743154	3802107
3/20/2004	0	0
3/21/2004	0	0
3/22/2004	2816711	3905011
3/23/2004	2834621	3930660
3/24/2004	2860140	3966721
3/25/2004	2880268	3993390
3/26/2004	2904271	4025249
3/27/2004	0	0
3/28/2004	0	0
3/29/2004	2977044	4122354
3/30/2004	3001658	4155171
3/31/2004	3025876	4187548

APPENDIX C

GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
4/1/2004	3052499	4223001
4/2/2004	3074549	4252683
4/3/2004	0	0
4/4/2004	0	0
4/5/2004	3146815	4349276
4/6/2004	3170468	4380690
4/7/2004	3194653	4412811
4/8/2004	3220255	4447007
4/9/2004	3245056	4479932
4/10/2004	0	0
4/11/2004	0	0
4/12/2004	3317130	4575630
4/13/2004	3342356	4609043
4/14/2004	0	0
4/15/2004	3390465	4674982
4/16/2004	3411405	4704286
4/17/2004	0	0
4/18/2004	0	0
4/19/2004	3480573	4804963
4/20/2004	3491297	4837676
4/21/2004	3503626	4870691
4/22/2004	3515944	4903380
4/23/2004	3528731	4936167
4/24/2004	0	0
4/25/2004	0	0
4/26/2004	3564756	4988324
4/27/2004	3578593	5015717
4/28/2004	3592347	5048695
4/29/2004	3605962	5081340
4/30/2004	3622812	5120622
5/1/2004	0	0
5/2/2004	0	0
5/3/2004	3727965	5215341
5/4/2004	3752637	5246929
5/5/2004	3760395	5282696
5/6/2004	3767672	5315576
5/7/2004	3849588	5342548
5/8/2004	0	0
5/9/2004	0	0
5/10/2004	4079534	5409120
5/11/2004	4147823	5439816
5/12/2004	4208637	5444250

APPENDIX C

GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
5/13/2004	4247662	5479131
5/14/2004	4276405	5494793
5/15/2004	0	0
5/16/2004	0	0
5/17/2004	4390066	5566421
5/18/2004	4425233	5588119
5/19/2004	4463470	5602590
5/20/2004	4498560	5624131
5/21/2004	4537677	5659326
5/22/2004	0	0
5/23/2004	0	0
5/24/2004	4649179	5760071
5/25/2004	4685722	5793073
5/26/2004	4715921	5825039
5/27/2004	4744587	5857501
5/28/2004	4774570	5891795
5/29/2004	0	0
5/30/2004	0	0
5/31/2004	0	0
6/1/2004	4892598	6025931
6/2/2004	4920799	6058054
6/3/2004	4951148	6092726
6/4/2004	4980319	6126066
6/5/2004	0	0
6/6/2004	0	0
6/7/2004	5059203	6226015
6/8/2004	5084630	6258631
6/9/2004	5111026	6292533
6/10/2004	5139109	6328593
6/11/2004	5163005	6359256
6/12/2004	0	0
6/13/2004	0	0
6/14/2004	5240458	6459025
6/15/2004	5266235	6492126
6/16/2004	5289661	6522188
6/17/2004	0	0
6/18/2004	5314313	6551329
6/19/2004	0	0
6/20/2004	0	0
6/21/2004	5456520	6651413
6/22/2004	5503566	6676648
6/23/2004	0	0

APPENDIX C

GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
6/24/2004	5607290	6742642
6/25/2004	5663413	6778499
6/26/2004	0	0
6/27/2004	0	0
6/28/2004	5805443	6876451
6/29/2004	5859153	6910640
6/30/2004	5910852	6943474
7/1/2004	5961607	6973237
7/2/2004	6011335	6999934
7/3/2004	0	0
7/4/2004	0	0
7/5/2004	6120721	7099216
7/6/2004	6134815	7106565
7/7/2004	6198989	7139102
7/8/2004	6259457	7170863
7/9/2004	6328662	7206431
7/10/2004	0	0
7/11/2004	0	0
7/12/2004	6517862	7303312
7/13/2004	0	0
7/14/2004	6648545	7370039
7/15/2004	6704129	7400718
7/16/2004	6767033	7433196
7/17/2004	0	0
7/18/2004	0	0
7/19/2004	6961844	7533996
7/20/2004	7022352	7564041
7/21/2004	7083398	7595311
7/22/2004	7138882	7629719
7/23/2004	7201103	7659724
7/24/2004	0	0
7/25/2004	0	0
7/26/2004	7402543	7756727
7/27/2004	7466641	7787503
7/28/2004	7527046	7816479
7/29/2004	7603224	7853047
7/30/2004	7659308	7880099
7/31/2004	0	0
8/1/2004	0	0
8/2/2004	7851935	7972881
8/3/2004	7908349	8000211
8/4/2004	0	0

APPENDIX C

GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
8/5/2004	0	0
8/6/2004	8002205	8069215
8/7/2004	0	0
8/8/2004	0	0
8/9/2004	8178508	8164919
8/10/2004	8242515	8199548
8/11/2004	8297147	8229172
8/12/2004	8356554	8261298
8/13/2004	8416150	8293457
8/14/2004	0	0
8/15/2004	0	0
8/16/2004	8594055	8385485
8/17/2004	8660872	8416695
8/18/2004	8723747	8446061
8/19/2004	8793227	8479951
8/20/2004	8860120	8510683
8/21/2004	0	0
8/22/2004	0	0
8/23/2004	9071971	8609905
8/24/2004	9131818	8638295
8/25/2004	9202239	8671123
8/26/2004	0	0
8/27/2004	9341254	8735961
8/28/2004	0	0
8/29/2004	0	0
8/30/2004	0	0
8/31/2004	9523772	8861581
9/1/2004	0	0
9/2/2004	9658815	8925686
9/3/2004	9724029	8956562
9/4/2004	0	0
9/5/2004	0	0
9/6/2004	0	0
9/7/2004	9993992	9081269
9/8/2004	10058328	9111525
9/9/2004	10131111	9145860
9/10/2004	10195807	9176591
9/11/2004	0	0
9/12/2004	0	0
9/13/2004	10400843	9275999
9/14/2004	10462577	9304778
9/15/2004	10537859	9341293

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
9/16/2004	0	0
9/17/2004	10643156	9391371
9/18/2004	0	0
9/19/2004	0	0
9/20/2004	10802466	9475726
9/21/2004	10858108	9507519
9/22/2004	0	0
9/23/2004	10971011	9572248
9/24/2004	11023308	9602075
9/25/2004	0	0
9/26/2004	0	0
9/27/2004	11190021	9693864
9/28/2004	11242846	9722797
9/29/2004	11303446	9754844
9/30/2004	11365834	9787963
10/1/2004	11428451	9819697
10/2/2004	0	0
10/3/2004	0	0
10/4/2004	11611872	9914868
10/5/2004	11678686	9949591
10/6/2004	11732617	9978358
10/7/2004	11792615	10010784
10/8/2004	11847511	10040580
10/9/2004	0	0
10/10/2004	0	0
10/11/2004	12027537	10137442
10/12/2004	0	0
10/13/2004	0	0
10/14/2004	12219261	10228905
10/15/2004	12280798	10258626
10/16/2004	0	0
10/17/2004	0	0
10/18/2004	12462511	10348795
10/19/2004	12522051	10378294
10/20/2004	12589181	10411066
10/21/2004	12655081	10443383
10/22/2004	12720690	10475376
10/23/2004	0	0
10/24/2004	0	0
10/25/2004	12920960	10572803
10/26/2004	12976646	10601951
10/27/2004	13042051	10633247

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
10/28/2004	13108501	10666967
10/29/2004	13169888	10696264
10/30/2004	0	0
10/31/2004	0	0
11/1/2004	13362864	10792386
11/2/2004	13423272	10822304
11/3/2004	13492591	10856630
11/4/2004	0	0
11/5/2004	13548661	10884486
11/6/2004	0	0
11/7/2004	0	0
11/8/2004	13734647	10978504
11/9/2004	13796379	11009732
11/10/2004	13859227	11041485
11/11/2004	0	0
11/12/2004	13984212	11104315
11/13/2004	0	0
11/14/2004	0	0
11/15/2004	14175388	11200585
11/16/2004	14237718	11232187
11/17/2004	14299837	11263888
11/18/2004	14355885	11292265
11/19/2004	14420172	11324752
11/20/2004	0	0
11/21/2004	0	0
11/22/2004	14593557	11413010
11/23/2004	14650969	11442589
11/24/2004	14713201	11475701
11/25/2004	0	0
11/26/2004	14828599	11537973
11/27/2004	0	0
11/28/2004	0	0
11/29/2004	15011396	11635173
11/30/2004	0	0
12/1/2004	15121734	11696698
12/2/2004	15179083	11728627
12/3/2004	15234832	11759758
12/4/2004	0	0
12/5/2004	0	0
12/6/2004	15409573	11858286
12/7/2004	0	0
12/8/2004	0	0

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
12/9/2004	15576773	11952281
12/10/2004	15632021	11983393
12/11/2004	0	0
12/12/2004	0	0
12/13/2004	15813431	12085831
12/14/2004	15868877	12117237
12/15/2004	15924196	12148573
12/16/2004	15980742	12180784
12/17/2004	16037944	12213255
12/18/2004	0	0
12/19/2004	0	0
12/20/2004	16171981	12291016
12/21/2004	16223687	12330275
12/22/2004	16281446	12351738
12/23/2004	16342127	12385103
12/24/2004	16396557	12414883
12/25/2004	0	0
12/26/2004	0	0
12/27/2004	16567516	12508108
12/28/2004	16624344	12539453
12/29/2004	16682373	12571303
12/30/2004	16739493	12602632
12/31/2004	16797893	12634578
1/1/2005		0
1/2/2005		0
1/3/2005		12731047
1/4/2005		12761505
1/5/2005		12795393
1/6/2005		12826384
1/7/2005		12857800
1/8/2005		0
1/9/2005		0
1/10/2005		12953432
1/11/2005		0
1/12/2005		13023683
1/13/2005		13049383
1/14/2005		13083284
1/15/2005		0
1/16/2005		0
1/17/2005		13180172
1/18/2005		13211982
1/19/2005		13244532

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
1/20/2005		13279570
1/21/2005		13309845
1/22/2005		0
1/23/2005		0
1/24/2005		13408830
1/25/2005		13447573
1/26/2005		13472310
1/27/2005		13508585
1/28/2005		13539592
1/29/2005		0
1/30/2005		0
1/31/2005	1707666 - January Total	13633342
2/1/2005		13662904
2/2/2005		0
2/3/2005		13726513
2/4/2005		13760717
2/5/2005		0
2/6/2005		0
2/7/2005		13856706
2/8/2005		13885197
2/9/2005		0
2/10/2005		13893645
2/11/2005		13918618
2/12/2005		0
2/13/2005		0
2/14/2005		14016785
2/15/2005		14048463
2/16/2005		14081229
2/17/2005		14113282
2/18/2005		14146686
2/19/2005		0
2/20/2005		0
2/21/2005		14243942
2/22/2005		14274416
2/23/2005		14306830
2/24/2005		0
2/25/2005		14372402
2/26/2005		0
2/27/2005		0
2/28/2005	1527433 - February Total	14471246
3/1/2005	0 - Totalizer Reset	0
3/2/2005	741685	14535429

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
3/3/2005	799285	14566921
3/4/2005	858015	14598837
3/5/2005	0	0
3/6/2005	0	0
3/7/2005	1043760	14699306
3/8/2005	1094475	14726785
3/9/2005	1154785	14759522
3/10/2005	1213487	14791273
3/11/2005	1271148	14822627
3/12/2005	0	0
3/13/2005	0	0
3/14/2005	1449508	14919269
3/15/2005	1505678	14949886
3/16/2005	1558950	14978926
3/17/2005	1613530	15008197
3/18/2005	1674605	15040205
3/19/2005	0	0
3/20/2005	0	0
3/21/2005	1876383	15142280
3/22/2005	1934575	15171325
3/23/2005	1996555	15202386
3/24/2005	2060170	15234393
3/25/2005	2121030	15265914
3/26/2005	0	0
3/27/2005	0	0
3/28/2005	2280333	15351134
3/29/2005	0	0
3/30/2005	2352914	15391359
3/31/2005	2411666	15424049
4/1/2005	2475040	15459223
4/2/2005	0	0
4/3/2005	0	0
4/4/2005	0	0
4/5/2005	2714085	15588213
4/6/2005	0	0
4/7/2005	2837675	15655831
4/8/2005	2898485	15689247
4/9/2005	0	0
4/10/2005	0	0
4/11/2005	3083440	15771108
4/12/2005	0	0
4/13/2005	0	0

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
4/14/2005	3197724	15875648
4/15/2005	3228395	15916099
4/16/2005	0	0
4/17/2005	0	0
4/18/2005	3308049	16020878
4/19/2005	3335150	16056314
4/20/2005	3363940	16094131
4/21/2005	3388801	16128111
4/22/2005	3414995	16163839
4/23/2005	0	0
4/24/2005	0	0
4/25/2005	3494043	16271808
4/26/2005	3519298	16306319
4/27/2005	3544836	16342465
4/28/2005	3569558	16377819
4/29/2005	3599752	16420944
4/30/2005	0	0
5/1/2005	0	0
5/2/2005	3671101	16522844
5/3/2005	3693350	16554845
5/4/2005	0	0
5/5/2005	3741056	16625461
5/6/2005	3764497	16660149
5/7/2005	0	0
5/8/2005	0	0
5/9/2005	3835060	16768538
5/10/2005	3856506	16802637
5/11/2005	3879357	16839963
5/12/2005	3901340	16873941
5/13/2005	3923730	16909713
5/14/2005	0	0
5/15/2005	0	0
5/16/2005	3991042	17016818
5/17/2005	4012861	17052979
5/18/2005	4034848	17087627
5/19/2005	4057850	17124749
5/20/2005	4078238	17158292
5/21/2005	0	0
5/22/2005	0	0
5/23/2005	4143946	17265959
5/24/2005	4164633	17299883
5/25/2005	4186070	17335020

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
5/26/2005	4208220	17371975
5/27/2005	4228965	17394109
5/28/2005	0	0
5/29/2005	0	0
5/30/2005	0	0
5/31/2005	4317645	17522629
6/1/2005	4337498	17522629
6/2/2005	4358153	17554861
6/3/2005	4379295	17589089
6/4/2005	0	0
6/5/2005	0	0
6/6/2005	0	0
6/7/2005	4461598	17724144
6/8/2005	0	0
6/9/2005	0	0
6/10/2005	0	0
6/11/2005	0	0
6/12/2005	0	0
6/13/2005	0	0
6/14/2005	0	0
6/15/2005	0	0
6/16/2005	4500094	17790123
6/17/2005	4517741	17821845
6/18/2005	0	0
6/19/2005	0	0
6/20/2005	4575818	17927475
6/21/2005	4591449	17956631
6/22/2005	4609482	17990567
6/23/2005	4628603	18026632
6/24/2005	4646549	18060354
6/25/2005	0	0
6/26/2005	0	0
6/27/2005	0	0
6/28/2005	4718385	18194284
6/29/2005	4735031	18225451
6/30/2005	4752937	18259327
7/1/2005	4771077	18293559
7/2/2005	0	0
7/3/2005	0	0
7/4/2005	0	0
7/5/2005	4845877	18432003
7/6/2005	4863269	18463908

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
7/7/2005	4894436	18495808
7/8/2005	4934828	18524202
7/9/2005	0	0
7/10/2005	0	0
7/11/2005	5056660	18626323
7/12/2005	0	0
7/13/2005	0	0
7/14/2005	5133969	18725024
7/15/2005	5161303	18760502
7/16/2005	0	0
7/17/2005	0	0
7/18/2005	5234050	18868131
7/19/2005	5252430	18904355
7/20/2005	5268750	18938499
7/21/2005	5285934	18974146
7/22/2005	5303162	19010207
7/23/2005	0	0
7/24/2005	0	0
7/25/2005	5353715	19116308
7/26/2005	5373054	19151374
7/27/2005	5392850	19187516
7/28/2005	5410871	19223465
7/29/2005	5428899	19261979
7/30/2005	0	0
7/31/2005	0	0
8/1/2005	5483177	19373892
8/2/2005	5500040	19408266
8/3/2005	5517184	19443258
8/4/2005	5535634	19481574
8/5/2005	5551807	19515203
8/6/2005	.0	0
8/7/2005	0	0
8/8/2005	5605225	19626319
8/9/2005	5621842	19660900
8/10/2005	5638618	19695725
8/11/2005	5656450	19733012
8/12/2005	5673558	19768795
8/13/2005	0	0
8/14/2005	0	0
8/15/2005	5727280	19881091
8/16/2005	0	0
8/17/2005	0	0

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
8/18/2005	5747584	19923883
8/19/2005	5763944	19941683
8/20/2005	0	0
8/21/2005	0	0
8/22/2005	5813653	20052827
8/23/2005	5829861	20089053
8/24/2005	5846006	20125169
8/25/2005	5862309	20161036
8/26/2005	0	0
8/27/2005	0	0
8/28/2005	0	0
8/29/2005	5926062	20301183
8/30/2005	5942090	20336811
8/31/2005	5957493	20371308
9/1/2005	5973342	20407107
9/2/2005	5989815	20444211
9/3/2005	0	0
9/4/2005	0	0
9/5/2005	0	0
9/6/2005	6053310	20586231
9/7/2005	6069796	20622871
9/8/2005	6085318	20657856
9/9/2005	6100560	20692007
9/10/2005	0	0
9/11/2005	0	0
9/12/2005	6146809	20796230
9/13/2005	6162249	20831055
9/14/2005	6178612	20868063
9/15/2005	6194406	20903862
9/16/2005	6209895	20938643
9/17/2005	0	0
9/18/2005	0	0
9/19/2005	6255614	21041556
9/20/2005	6270625	21075108
9/21/2005	6286225	21110966
9/22/2005	6301680	21144578
9/23/2005	6317315	21179544
9/24/2005	0	0
9/25/2005	0	0
9/26/2005	6373591	21282743
9/27/2005	6392496	21317143
9/28/2005	6411366	21351660

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
9/29/2005	6430481	21386548
9/30/2005	6449234	21420902
10/1/2005		0
10/2/2005		0
10/3/2005		21521153
10/4/2005		0
10/5/2005		0
10/6/2005		21606620
10/7/2005		21634557
10/8/2005		0
10/9/2005		0
10/10/2005		21715837
10/11/2005		0
10/12/2005		0
10/13/2005		21770921
10/14/2005		21793730
10/15/2005		0
10/16/2005		0
10/17/2005		21903433
10/18/2005		0
10/19/2005		0
10/20/2005		0
10/21/2005		0
10/22/2005		0
10/23/2005		0
10/24/2005		22010353
10/25/2005		0
10/26/2005		22082114
10/27/2005		22114014
10/28/2005		0
10/29/2005		0
10/30/2005		0
10/31/2005	736494 - October Total	22260363
11/1/2005		0
11/2/2005		0
11/3/2005		22365863
11/4/2005		22401842
11/5/2005		0
11/6/2005		0
11/7/2005		22510502
11/8/2005		22543603
11/9/2005		0

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
11/10/2005		22616912
11/11/2005		22649956
11/12/2005		0
11/13/2005		0
11/14/2005		22757044
11/15/2005		22789651
11/16/2005		22825235
11/17/2005		22861488
11/18/2005		22898558
11/19/2005		0
11/20/2005		0
11/21/2005		23004275
11/22/2005		0
11/23/2005		23075461
11/24/2005		0
11/25/2005		23147004
11/26/2005		0
11/27/2005		0
11/28/2005		0
11/29/2005		23289241
11/30/2005	1354124 - November Total	23324781
12/1/2005	7305244 - Resume Totalizer Readings	23359442
12/2/2005	0	0
12/3/2005	0	0
12/4/2005	0	0
12/5/2005	7492267	23504048
12/6/2005	7535295	23537692
12/7/2005	7580208	23572837
12/8/2005	7627200	23609718
12/9/2005	7670865	23644017
12/10/2005	0	0
12/11/2005	0	0
12/12/2005	7807840	23751630
12/13/2005	7849444	23784450
12/14/2005	7894555	23820193
12/15/2005	7939285	23855412
12/16/2005	7983108	23890265
12/17/2005	0	0
12/18/2005	0	0
12/19/2005	8119405	23996381
12/20/2005	8164175	24031346
12/21/2005	8209165	24066809

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
12/22/2005	8253676	24102068
12/23/2005	8298251	24137501
12/24/2005	0	0
12/25/2005	0	0
12/26/2005	0	0
12/27/2005	8480130	24282055
12/28/2005	8521620	24314511
12/29/2005	8569151	24351895
12/30/2005	8613888	24387043
12/31/2005	0	0
1/1/2006	0	0
1/2/2006	8749595	24494248
1/3/2006	8794530	24529907
1/4/2006	8839605	24565013
1/5/2006	8886534	24601592
1/6/2006	8928485	24634048
1/7/2006	0	0
1/8/2006	0	0
1/9/2006	9064757	24741383
1/10/2006	9109352	24776795
1/11/2006	9153657	24812071
1/12/2006	9200130	24848122
1/13/2006	9256974	24883282
1/14/2006	0	0
1/15/2006	0	0
1/16/2006	9425709	24987356
1/17/2006	0	0
1/18/2006	0	0
1/19/2006	9579042	25080325
1/20/2006	9631650	25113679
1/21/2006	0	0
1/22/2006	0	0
1/23/2006	9800460	25220439
1/24/2006	9853525	25254307
1/25/2006	9907995	25289398
1/26/2006	9967008	25327220
1/27/2006	10015275	25359101
1/28/2006	0	0
1/29/2006	0	0
1/30/2006	10165945	25458747
1/31/2006	10223272	25496265
2/1/2006	10274590	25530708

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
2/2/2006	10324545	25564484
2/3/2006	10377053	25599777
2/4/2006	0	0
2/5/2006	0	0
2/6/2006	10539640	25709583
2/7/2006	10585738	25740856
2/8/2006	10640088	25777662
2/9/2006	10687665	25810101
2/10/2006	10737945	25844471
2/11/2006	0	0
2/12/2006	0	0
2/13/2006	10888165	25947165
2/14/2006	10936475	25980326
2/15/2006	0	0
2/16/2006	11023980	26039661
2/17/2006	11077445	26076018
2/18/2006	0	0
2/19/2006	0	0
2/20/2006	11242248	26187791
2/21/2006	11292620	26221711
2/22/2006	11345723	26257558
2/23/2006	11402028	26295624
2/24/2006	11456455	26332592
2/25/2006	0	0
2/26/2006	0	0
2/27/2006	11613335	26438127
2/28/2006	11673150	26478443
3/1/2006	11719975	26510959
3/2/2006	11773362	26545803
3/3/2006	11826272	26581585
3/4/2006	0	0
3/5/2006	0	0
3/6/2006	11988381	26690785
3/7/2006	0	0
3/8/2006	12094180	26762001
3/9/2006	12143854	26795436
3/10/2006	0	0
3/11/2006	0	0
3/12/2006	0	0
3/13/2006	12339211	26929127
3/14/2006	12383975	26959913
3/15/2006	12416719	26982378

APPENDIX C

GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
3/16/2006	12439355	27014204
3/17/2006	12458765	27048311
3/18/2006	0	0
3/19/2006	0	0
3/20/2006	12517230	27151726
3/21/2006	12536510	27185842
3/22/2006	12555724	27220098
3/23/2006	12575105	27254599
3/24/2006	12594408	27288913
3/25/2006	0	0
3/26/2006	0	0
3/27/2006	12651012	27391636
3/28/2006	12669565	27425320
3/29/2006	12688438	27459647
3/30/2006	12708167	27495711
3/31/2006	12729668	27529895
4/1/2006	0	0
4/2/2006	0	0
4/3/2006	12795794	27635984
4/4/2006	12817349	27669044
4/5/2006	12839514	27704952
4/6/2006	0	0
4/7/2006	12902625	27772561
4/8/2006	0	0
4/9/2006	0	0
4/10/2006	0	0
4/11/2006	0	0
4/12/2006	0	0
4/13/2006	0	0
4/14/2006	0	0
4/15/2006	0	0
4/16/2006	0	0
4/17/2006	0	0
4/18/2006	0	0
4/19/2006	0	0
4/20/2006	13286012	28038913
4/21/2006	13330300	28072067
4/22/2006	0	0
4/23/2006	0	0
4/24/2006	0	0
4/25/2006	0	0
4/26/2006	0	0

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
4/27/2006	13405595	28125743
4/28/2006	13461976	28158356
4/29/2006	0	0
4/30/2006	0	0
5/1/2006	0	0
5/2/2006	0	0
5/3/2006	0	0
5/4/2006	0	0
5/5/2006	0	0
5/6/2006	0	0
5/7/2006	0	0
5/8/2006	0	0
5/9/2006	13515150	28188981
5/10/2006	0	0
5/11/2006	0	0
5/12/2006	0	0
5/13/2006	0	0
5/14/2006	0	0
5/15/2006	0	0
5/16/2006	0	0
5/17/2006	0	0
5/18/2006	0	0
5/19/2006	0	0
5/20/2006	0	0
5/21/2006	0	0
5/22/2006	13639993	28257112
5/23/2006	13699355	28290753
5/24/2006	13753650	28321203
5/25/2006	13813362	28354115
5/26/2006	13873340	28387093
5/27/2006	0	0
5/28/2006	0	0
5/29/2006	0	0
5/30/2006	14069995	28524034
5/31/2006	14124437	28556963
6/1/2006	0	0
6/2/2006	14235682	28621508
6/3/2006	0	0
6/4/2006	0	0
6/5/2006	14401840	28716947
6/6/2006	14451172	28745834
6/7/2006	14505490	28778892

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
6/8/2006	14559900	28811441
6/9/2006	14611805	28843481
6/10/2006	0	0
6/11/2006	0	0
6/12/2006	14772471	28934376
6/13/2006	14826106	28963314
6/14/2006	14878092	28975125
6/15/2006	14924663	29005613
6/16/2006	14970702	29035706
6/17/2006	0	0
6/18/2006	0	0
6/19/2006	15112193	29045542
6/20/2006	0	0
6/21/2006	15211545	29059892
6/22/2006	15260000	29089685
6/23/2006	15303740	29115895
6/24/2006	0	0
6/25/2006	0	0
6/26/2006	15450805	29200332
6/27/2006	15495427	29225034
6/28/2006	15545770	29252577
6/29/2006	15591384	29261374
6/30/2006	15640815	29272345
7/1/2006	0	0
7/2/2006	0	0
7/3/2006	15781607	29294303
7/4/2006	0	0
7/5/2006	15877205	29302984
7/6/2006	15920720	29327055
7/7/2006	15971788	29340340
7/8/2006	0	0
7/9/2006	0	0
7/10/2006	16114175	29358814
7/11/2006	16160755	29365235
7/12/2006	16210440	29371032
7/13/2006	16261605	29375736
7/14/2006	16311435	29382778
7/15/2006	16358160	29391169
7/16/2006	0	0
7/17/2006	16463725	29394017
7/18/2006	0	0
7/19/2006	0	0

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
7/20/2006	16597210	29404799
7/21/2006	16650720	29409795
7/22/2006	0	0
7/23/2006	0	0
7/24/2006	16799423	29421232
7/25/2006	16848843	29425124
7/26/2006	16904250	29429877
7/27/2006	16960238	29434761
7/28/2006	17017602	29439309
7/29/2006	0	0
7/30/2006	0	0
7/31/2006	0	0
8/1/2006	17181086	29448834
8/2/2006	0	0
8/3/2006	0	0
8/4/2006	17324620	29457955
8/5/2006	0	0
8/6/2006	0	0
8/7/2006	17465315	29459496
8/8/2006	17515075	29463941
8/9/2006	17563522	29469346
8/10/2006	17612731	29474817
8/11/2006	17661945	29479525
8/12/2006	0	0
8/13/2006	0	0
8/14/2006	17817671	29494476
8/15/2006	17867660	29498602
8/16/2006	17922505	29503112
8/17/2006	17977146	29508315
8/18/2006	18032503	29513405
8/19/2006	0	0
8/20/2006	0	0
8/21/2006	18196795	29518734
8/22/2006	18257185	29523792
8/23/2006	18301049	29528283
8/24/2006	18350842	29533642
8/25/2006	18395055	29537045
8/26/2006	0	0
8/27/2006	0	0
8/28/2006	18542465	29577371
8/29/2006	18587502	29580132
8/30/2006	18636575	29595295

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
8/31/2006	18687950	29610023
9/1/2006	18733664	29614187
9/2/2006	0	0
9/3/2006	0	0
9/4/2006	0	0
9/5/2006	18963842	29635613
9/6/2006	19015110	29635613
9/7/2006	19072980	29635613
9/8/2006	19101665	29635613
9/9/2006	0	0
9/10/2006	0	0
9/11/2006	19238383	29635613
9/12/2006	19282890	29635613
9/13/2006	19327580	29635613
9/14/2006	19373168	29635613
9/15/2006	19413833	29635613
9/16/2006	0	0
9/17/2006	0	0
9/18/2006	19552999	29635613
9/19/2006	19594295	29635613
9/20/2006	19638871	29635613
9/21/2006	19683335	29635613
9/22/2006	19728484	29635613
9/23/2006	0	0
9/24/2006	0	0
9/25/2006	19864605	29635613
9/26/2006	0	0
9/27/2006	19953818	29635613
9/28/2006	19998010	29635613
9/29/2006	20052060	29635613
9/30/2006	0	0
10/1/2006	0	0
10/2/2006	20181780	29635613
10/3/2006	20223995	29635613
10/4/2006	20270140	29635613
10/5/2006	20315511	29635613
10/6/2006	20361383	29635613
10/7/2006	0	0
10/8/2006	0	0
10/9/2006	20501271	29635613
10/10/2006	0	0
10/11/2006	0	0

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
10/12/2006	20606170	29635613
10/13/2006	20635421	29606676
10/14/2006	0	0
10/15/2006	0	0
10/16/2006	20723885	29606641
10/17/2006	20753307	29606541
10/18/2006	20781854	29606541
10/19/2006	0	0
10/20/2006	0	0
10/21/2006	0	0
10/22/2006	0	0
10/23/2006	20926827	29606541
10/24/2006	20956667	29606541
10/25/2006	20985056	29606541
10/26/2006	21013190	29606541
10/27/2006	0	0
10/28/2006	0	0
10/29/2006		
10/30/2006	21142618	29606541
10/31/2006	21182835	29612242
11/1/2006	21221361	29640056
11/2/2006	21226890	29644599
11/3/2006	21268366	29680589
11/4/2006	0	0
11/5/2006	0	0
11/6/2006	21397239	29781515
11/7/2006	21441183	29814949
11/8/2006	21483408	29847012
11/9/2006	0	0
11/10/2006	21571378	29912446
11/11/2006	0	0
11/12/2006	0	0
11/13/2006	0	0
11/14/2006	21748958	30042701
11/15/2006	0	0
11/16/2006	0	0
11/17/2006	21874884	30135074
11/18/2006	0	0
11/19/2006	0	0
11/20/2006	22004951	30230015
11/21/2006	22047661	30261018
11/22/2006	22091244	30292765

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
11/23/2006	0	0
11/24/2006	22181535	30357942
11/25/2006	0	0
11/26/2006	0	0
11/27/2006	22322911	30459343
11/28/2006	22369181	30492771
11/29/2006	22412520	30524135
11/30/2006	22455040	30555474
12/1/2006	22500310	30588920
12/2/2006	22545480	30618294
12/3/2006	0	0
12/4/2006	22636850	30618294
12/5/2006	22684410	30618294
12/6/2006	22728955	30618294
12/7/2006	22774240	30618294
12/8/2006	22820000	30618294
12/9/2006	22866620	30618294
12/10/2006	0	0
12/11/2006	22957650	30618294
12/12/2006	23002830	30618294
12/13/2006	23046430	30618294
12/14/2006	0	0
12/15/2006	23053140	30618294
12/16/2006	23085865	30618294
12/17/2006	0	0
12/18/2006	23169848	30618294
12/19/2006	23212040	30618294
12/20/2006	23252536	30654766
12/21/2006	23296000	30716233
12/22/2006	23338966	30764562
12/23/2006	23378816	30808487
12/24/2006	0	0
12/25/2006	0	0
12/26/2006	23507912	30947554
12/27/2006	23550265	30992957
12/28/2006	23592718	31042120
12/29/2006	23636410	31084456
12/30/2006	23682060	31138172
12/31/2006	0	0
1/1/2007	0	0
1/2/2007	23824619	31309414
1/3/2007	23872762	31367002

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
1/4/2007	23919926	31422930
1/5/2007	23966726	31478587
1/6/2007	24013610	31534032
1/7/2007	0	0
1/8/2007	24109416	31647395
1/9/2007	24156756	31703158
1/10/2007	24204926	31759513
1/11/2007	24248226	31814863
1/12/2007	24291930	31872261
1/13/2007	24335726	31929376
1/14/2007	0	0
1/15/2007	24424936	32049658
1/16/2007	24461690	32106865
1/17/2007	24516600	32177486
1/18/2007	24553200	32228780
1/19/2007	24596162	32289264
1/20/2007	24636126	32346176
1/21/2007	0	0
1/22/2007	24721912	32466922
1/23/2007	24770561	32531394
1/24/2007	0	0
1/25/2007	24828956	32615000
1/26/2007	24870813	32675106
1/27/2007	24914986	32737026
1/28/2007	0	0
1/29/2007	25005786	32863354
1/30/2007	25049113	32923515
1/31/2007	25095705	32987888
2/1/2007	25140290	33049427
2/2/2007	25184362	33110863
2/3/2007	25229000	33173368
2/4/2007	0	0
2/5/2007	25317912	33297772
2/6/2007	0	0
2/7/2007	25405212	33421256
2/8/2007	25449927	33484747
2/9/2007	0	0
2/10/2007	25537035	33608584
2/11/2007	0	0
2/12/2007	0	0
2/13/2007	25667056	33793006
2/14/2007	25711463	33856164

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
2/15/2007	25754062	33916784
2/16/2007	25798862	33980316
2/17/2007	0	0
2/18/2007	0	0
2/19/2007	25927460	34164643
2/20/2007	25970662	34226865
2/21/2007	26013950	34289372
2/22/2007	0	0
2/23/2007	26100410	34414753
2/24/2007	26142125	34475410
2/25/2007	0	0
2/26/2007	26229036	34605340
2/27/2007	26271406	34662695
2/28/2007	26315436	34726213
3/1/2007	26358106	34788002
3/2/2007	26401160	34850353
3/3/2007	26445555	34914348
3/4/2007	0	0
3/5/2007	26531308	35038570
3/6/2007	26577563	35102366
3/7/2007	26624851	35165820
3/8/2007	26674812	35233422
3/9/2007	26718420	35292437
3/10/2007	0	0
3/11/2007	0	0
3/12/2007	26855481	35480358
3/13/2007	26901656	35544152
3/14/2007	26947439	35607596
3/15/2007	26992816	35672186
3/16/2007	0	0
3/17/2007	27080953	35799562
3/18/2007	0	0
3/19/2007	0	0
3/20/2007	27213010	35991155
3/21/2007	27262416	36063141
3/22/2007	27313462	36137002
3/23/2007	0	0
3/24/2007	0	0
3/25/2007	0	0
3/26/2007	27479465	36379092
3/27/2007	0	0
3/28/2007	0	0

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
3/29/2007	27611614	36573631
3/30/2007	0	0
3/31/2007	0	0
4/1/2007	0	0
4/2/2007	0	0
4/3/2007	0	0
4/4/2007	0	0
4/5/2007	0	0
4/6/2007	0	0
4/7/2007	0	0
4/8/2007	0	0
4/9/2007	27972048	37015520
4/10/2007	28002510	37051600
4/11/2007	28059965	37120558
4/12/2007	28106500	37176638
4/13/2007	28149950	37232603
4/14/2007	0	0
4/15/2007	0	0
4/16/2007	0	0
4/17/2007	0	37430506
4/18/2007	0	0
4/19/2007	28403200	37577133
4/20/2007	28440050	37631562
4/21/2007	0	0
4/22/2007	0	0
4/23/2007	28572600	37825710
4/24/2007	0	0
4/25/2007	0	0
4/26/2007	0	0
4/27/2007	28721620	38010385
4/28/2007	0	0
4/29/2007	0	0
4/30/2007	28829771	38149240
5/1/2007	0	0
5/2/2007	28897655	38234652
5/3/2007	0	0
5/4/2007	0	0
5/5/2007	0	0
5/6/2007	0	0
5/7/2007	0	0
5/8/2007	0	0
5/9/2007	29149655	38538702
5/10/2007	0	0
5/11/2007	0	0
5/12/2007	0	0
5/13/2007	0	0
5/14/2007	0	0
5/15/2007	0	0
5/16/2007	0	0

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
5/17/2007	0	0
5/18/2007	29524465	39038783
5/19/2007	29576370	39105308
5/20/2007	0	0
5/21/2007	0	0
5/22/2007	29738655	39137777
5/23/2007	0	0
5/24/2007	0	0
5/25/2007	0	0
5/26/2007	0	0
5/27/2007	0	0
5/28/2007	0	0
5/29/2007	0	0
5/30/2007	0	0
5/31/2007	0	0
6/1/2007	30219555	39544171
6/2/2007	0	0
6/3/2007	0	0
6/4/2007	0	0
6/5/2007	0	0
6/6/2007	0	0
6/7/2007	0	0
6/8/2007	0	0
6/9/2007	0	0
6/10/2007	0	0
6/11/2007	0	0
6/12/2007	0	0
6/13/2007	30722811	40204330
6/14/2007	0	0
6/15/2007	0	0
6/16/2007	0	0
6/17/2007	0	0
6/18/2007	0	0
6/19/2007	0	0
6/20/2007	31071650	40550866
6/21/2007		
6/22/2007	31170820	40686476
6/23/2007	0	0
6/24/2007	0	0
6/25/2007	0	0
6/26/2007	31363200	40893504
6/27/2007	31418321	40912481
6/28/2007	0	0
6/29/2007	0	0
6/30/2007	0	0
7/1/2007	0	0
7/2/2007	31666724	41236617
7/3/2007	0	0
7/4/2007	0	0

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
7/5/2007	31815126	41323171
7/6/2007	0	0
7/7/2007	0	0
7/8/2007	0	0
7/9/2007	32012234	41473096
7/10/2007	0	0
7/11/2007	0	0
7/12/2007	0	0
7/13/2007	0	0
7/14/2007	0	0
7/15/2007	0	0
7/16/2007	0	0
7/17/2007	0	0
7/18/2007	0	0
7/19/2007	0	0
7/20/2007	0	0
7/21/2007	0	0
7/22/2007	0	0
7/23/2007	0	0
7/24/2007	0	0
7/25/2007	0	0
7/26/2007	0	0
7/27/2007	0	0
7/28/2007	0	0
7/29/2007	0	0
7/30/2007	0	0
7/31/2007	32582100	42195219
8/1/2007	0	0
8/2/2007	0	0
8/3/2007	0	0
8/4/2007	0	0
8/5/2007	0	0
8/6/2007	0	0
8/7/2007	0	0
8/8/2007	0	0
8/9/2007	0	0
8/10/2007	33012965	42345806
8/11/2007	0	0
8/12/2007	0	0
8/13/2007	0	0
8/14/2007	33225965	42498561
8/15/2007	33267725	42552000
8/16/2007	0	0
8/17/2007	0	0
8/18/2007	0	0
8/19/2007	0	0
8/20/2007	0	0
8/21/2007	0	0
8/22/2007	0	0

APPENDIX C**GROUNDWATER PUMPING TOTALS (GALLONS)**

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
8/23/2007	0	0
8/24/2007	33727310	43154170
8/25/2007	0	0
8/26/2007	0	0
8/27/2007	33871750	43235847
8/28/2007	0	0
8/29/2007	0	0
8/30/2007	34029375	43328154
8/31/2007	0	0
9/1/2007	0	0
9/2/2007	0	0
9/3/2007	0	0
9/4/2007	0	0
9/5/2007	34311530	43721280
9/6/2007	0	0
9/7/2007	0	0
9/8/2007	0	0
9/9/2007	0	0
9/10/2007	0	0
9/11/2007	0	0
9/12/2007	0	0
9/13/2007	0	0
9/14/2007	0	0
9/15/2007	0	0
9/16/2007	0	0
9/17/2007	0	0
9/18/2007	0	0
9/19/2007	0	0
9/20/2007	34998000	44395360
9/21/2007	0	0
9/22/2007	0	0
9/23/2007	0	0
9/24/2007	0	0
9/25/2007	0	0
9/26/2007	35266510	44697318
9/27/2007	0	0
9/28/2007	0	0
9/29/2007	0	0
9/30/2007	0	0
10/1/2007	35482763	45019081
10/2/2007	0	0
10/3/2007	35579262	45159934
10/4/2007	0	0
10/5/2007	0	0
10/6/2007	0	0
10/7/2007	0	0
10/8/2007	0	0
10/9/2007	35853745	45556755
10/10/2007	35906128	45632823

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
10/11/2007	35950323	45697879
10/12/2007	35995170	45763799
10/13/2007	0	0
10/14/2007	0	0
10/15/2007	36117203	45969169
10/16/2007	0	0
10/17/2007	0	0
10/18/2007	36254505	46172003
10/19/2007	36309231	46211599
10/20/2007	0	0
10/21/2007	0	0
10/22/2007	36478898	46300727
10/23/2007	0	0
10/24/2007	0	0
10/25/2007	0	0
10/26/2007	36703139	46410255
10/27/2007	0	0
10/28/2007	0	0
10/29/2007	0	0
10/30/2007	36923515	46517493
10/31/2007	36978190	46543679
11/1/2007	37029345	46569441
11/2/2007	37075097	46593189
11/3/2007	0	0
11/4/2007	0	0
11/5/2007	37228892	46673793
11/6/2007	37279234	46699810
11/7/2007	37333165	46727656
11/8/2007	37379559	46751408
11/9/2007	37428665	46776521
11/10/2007	0	0
11/11/2007	0	0
11/12/2007	0	0
11/13/2007	37623350	46876741
11/14/2007	37671724	46901684
11/15/2007	37719088	46925874
11/16/2007	0	0
11/17/2007	0	0
11/18/2007	0	0
11/19/2007	0	0
11/20/2007	37957546	47047171
11/21/2007	0	0
11/22/2007	0	0
11/23/2007	0	0
11/24/2007	0	0
11/25/2007	0	0
11/26/2007	0	0
11/27/2007	0	0
11/28/2007	38334384	47235004

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
11/29/2007	0	0
11/30/2007	0	0
12/1/2007	0	0
12/2/2007	0	0
12/3/2007	38566465	47350500
12/4/2007	0	0
12/5/2007	38659032	47396611
12/6/2007	0	0
12/7/2007	38751479	47442787
12/8/2007	0	0
12/9/2007	0	0
12/10/2007	38889856	47511607
12/11/2007	0	0
12/12/2007	38966721	47551681
12/13/2007	0	0
12/14/2007	39049630	47597052
12/15/2007	0	0
12/16/2007	0	0
12/17/2007	39180363	47669956
12/18/2007	39223305	47692517
12/19/2007	39264550	47715124
12/20/2007	39307048	47738478
12/21/2007	0	0
12/22/2007	0	0
12/23/2007	0	0
12/24/2007	0	0
12/25/2007	0	0
12/26/2007	0	0
12/27/2007	39617704	47899907
12/28/2007	0	0
12/29/2007	0	0
12/30/2007	0	0
12/31/2007	39782452	47990178
1/1/2008	0	0
1/2/2008	39862480	48036807
1/3/2008	0	0
1/4/2008	39941505	48083254
1/5/2008	0	0
1/6/2008	0	0
1/7/2008	40063775	48154241
1/8/2008	0	0
1/9/2008	0	0
1/10/2008	0	0
1/11/2008	0	0
1/12/2008	0	0
1/13/2008	0	0
1/14/2008	0	0
1/15/2008	0	0
1/16/2008	0	0

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
1/17/2008	0	0
1/18/2008	0	0
1/19/2008	0	0
1/20/2008	0	0
1/21/2008	40728420	48479359
1/22/2008	40783740	48502339
1/23/2008	0	0
1/24/2008	40883896	48545434
1/25/2008	0	0
1/26/2008	0	0
1/27/2008	0	0
1/28/2008	41091240	48638636
1/29/2008	0	0
1/30/2008	41175771	48679973
1/31/2008	41231171	48706528
2/1/2008	0	0
2/2/2008	0	0
2/3/2008	0	0
2/4/2008	0	0
2/5/2008	41461136	48827869
2/6/2008	41497478	48847484
2/7/2008	41532210	48866696
2/8/2008	0	0
2/9/2008	0	0
2/10/2008	0	0
2/11/2008	0	0
2/12/2008	41784609	49006144
2/13/2008	41836384	49033971
2/14/2008	0	0
2/15/2008	41947900	49092379
2/16/2008	0	0
2/17/2008	0	0
2/18/2008	42056071	49153785
2/19/2008	0	0
2/20/2008	0	0
2/21/2008	42168012	49216592
2/22/2008	42208059	49239821
2/23/2008	0	0
2/24/2008	0	0
2/25/2008	0	0
2/26/2008	42248098	49265873
2/27/2008	0	0
2/28/2008	42354870	49336023
2/29/2008	0	0
3/1/2008	0	0
3/2/2008	0	0
3/3/2008	42520000	49444665
3/4/2008	42559245	49469000
3/5/2008	42600750	49494752

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
3/6/2008	42644700	49522222
3/7/2008	42689872	49550577
3/8/2008	0	0
3/9/2008	0	0
3/10/2008	42840938	49642723
3/11/2008	42888688	49671257
3/12/2008	42941060	49704433
3/13/2008	0	0
3/14/2008	43047695	49769357
3/15/2008	0	0
3/16/2008	0	0
3/17/2008	43208310	49865134
3/18/2008	43263440	49897443
3/19/2008	43315231	49927228
3/20/2008	43368916	49958052
3/21/2008	43423020	49989680
3/22/2008	0	0
3/23/2008	0	0
3/24/2008	43579491	50080118
3/25/2008	43634060	50111611
3/26/2008	43686920	50142040
3/27/2008	43739383	50172299
3/28/2008	43788064	50200612
3/29/2008	0	0
3/30/2008	0	0
3/31/2008	43943435	50291189
4/1/2008	43993925	50320402
4/2/2008	0	0
4/3/2008	44095224	50379174
4/4/2008	0	0
4/5/2008	0	0
4/6/2008	0	0
4/7/2008	44301179	50503323
4/8/2008	0	0
4/9/2008	0	0
4/10/2008	0	0
4/11/2008	44393750	50562195
4/12/2008	0	0
4/13/2008	0	0
4/14/2008	44535598	50656669
4/15/2008	0	0
4/16/2008	0	0
4/17/2008	0	0
4/18/2008	0	0
4/19/2008	0	0
4/20/2008	0	0
4/21/2008	44922171	50874672
4/22/2008	44976826	50904906
4/23/2008	45031932	50934718

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
4/24/2008	45089124	50965923
4/25/2008	45143024	50995264
4/26/2008	0	0
4/27/2008	0	0
4/28/2008	45288049	51079880
4/29/2008	45336640	51110365
4/30/2008	0	0
5/1/2008	45416775	51167226
5/2/2008	45448362	51193419
5/3/2008	0	0
5/4/2008	0	0
5/5/2008	45544676	51266556
5/6/2008	45573366	51287019
5/7/2008	45603373	51308265
5/8/2008	45632539	51328525
5/9/2008	45680245	51361439
5/10/2008	0	0
5/11/2008	0	0
5/12/2008	45804429	51449409
5/13/2008	45848625	51480564
5/14/2008	45888018	51507298
5/15/2008	0	0
5/16/2008	45949563	51549018
5/17/2008	0	0
5/18/2008	0	0
5/19/2008	0	0
5/20/2008	0	0
5/21/2008	46169669	51696889
5/22/2008	46214218	51727962
5/23/2008	46259791	51758851
5/24/2008	0	0
5/25/2008	0	0
5/26/2008	0	0
5/27/2008	46386948	51847172
5/28/2008	46431838	51878515
5/29/2008	0	0
5/30/2008	0	0
5/31/2008	0	0
6/1/2008	0	0
6/2/2008	0	0
6/3/2008	0	0
6/4/2008	0	0
6/5/2008	46670988	52043267
6/6/2008	46715971	52074144
6/7/2008	0	0
6/8/2008	0	0
6/9/2008	0	0
6/10/2008	0	0
6/11/2008	0	0

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GROUNDWATER PUMPING TOTALS (GALLONS)

DATE	DM-2 / MW9 TOTALIZER	DM-11 TOTALIZER
6/12/2008	46954745	52239502
6/13/2008	46996285	52268784
6/14/2008	0	0
6/15/2008	0	0
6/16/2008	0	0
6/17/2008	47162960	52387906
6/18/2008	0	0
6/19/2008	47236015	52440174
6/20/2008	47278880	52471964
<hr/>		
August-03 through November -03 Total	6501197.67	4782106.00
December-03 through June-08 Total	Not Applicable	52030052.00
December-03 through December-04 Total	16525446.00	Not Applicable
January-05 through February-05 Total	3235099.00	Not Applicable
March-05 through September-05 Total	5707549.00	Not Applicable
October-05 through November-05 Total	2090628.00	Not Applicable
December-05 through June-08 Total	39973636.00	Not Applicable
Grand Total (August-03 through June-08)	74033555.67	56812158.00
<hr/>		
Notes:		
1. Both totalizers were replaced in November 2003, due to incorrect readings. Values listed for August-November 2003 represent total gallons pumped for the entire month. Values listed for DM-2/MW-9 totalizer during January-February 2005 and October-November 2005 represent total gallons pumped for the entire month due to incorrect readings.		
2. Values listed from December 2003 - June 2008 at DM-11; December 2003 - December 2004 at DM-2/MW-9; March 2005 - September 2005 at DM-2/MW-9; and, December 2005 - June 2008 at DM-2/MW-9 represent cumulative gallons pumped. When readings are not recorded (typically over weekends), or when the groundwater pumping system is down for maintenance, the totalizer entries are listed as "0" in the above table.		



APPENDIX D

LABORATORY RESULTS EFFLUENT SAMPLES FROM THE GROUNDWATER TREATMENT SYSTEM

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	09/15/03	10/06/03	10/20/03	11/03/03	11/17/03	12/01/03
Hexavalent Chromium	mg/L	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Mercury	mg/L	--	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Manganese	mg/L	--	0.8	1.17	0.87	0.86	0.71	0.88
Lead	mg/L	--	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isophorone	ug/L	2.5	< 10	< 10	< 10	< 10	< 10	< 10
bis(2-Ethylhexyl)phthalate	ug/L	2.5	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
2-Chloroethylvinyl ether	ug/L	--						
Ethylbenzene	ug/L	See Note 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene Chloride	ug/L	2.5	< 2	< 2	< 2	< 2	< 2	< 2
Tetrachloroethene	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	ug/L	See Note 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
Trichloromethane	ug/L	--						
Vinyl Chloride	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
Chloroform	ug/L	2.5	< 1	< 1	< 1	< 1	< 1	< 1
o-Xylene	ug/L	See Note 1	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylene	ug/L	See Note 1	< 2	< 2	< 2	< 2	< 2	< 2
Total Xylene	ug/L	See Note 1						
Iron	mg/L	--	0.03					< 0.03
Iron, dissolved	mg/L	--	< 0.03					< 0.03
Total dissolved solids	mg/L	2500	562					586

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	12/15/03	01/05/04	01/19/04	02/02/04	02/16/04	03/11/04
Hexavalent Chromium	mg/L	--	< 0.01	< 0.01	< 0.01	< 0.020	< 0.020	< 0.020
Mercury	mg/L	--	< 0.0002	< 0.0002	< 0.0002	< 0.20	0.3	< 0.2
Manganese	mg/L	--	0.76	0.92	0.88	0.17	0.89	0.909
Lead	mg/L	--	< 0.005	< 0.005	< 0.005	< 0	< 0	< 0.005
Isophorone	ug/L	2.5	< 10	< 10	< 10	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5	< 10	< 10	< 10	ND	ND	ND
Benzene	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 1,	< 1	< 1	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--						< 5.0
Ethylbenzene	ug/L	See Note 1	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
Methylene Chloride	ug/L	2.5	< 2	< 2	< 2	< 2.0	< 2.0	< 2.0
Tetrachloroethene	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 1	< 1	< 1	< 1.0	< 1	< 1.0
Trichloroethene	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--						
Vinyl Chloride	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5	< 1	< 1	< 1	< 1.0	< 1.0	< 1.0
o-Xylene	ug/L	See Note 1	< 2	< 2	< 2	< 2.0	< 2.0	
m,p-Xylene	ug/L	See Note 1	< 2	< 2	< 2	< 2.0	< 2.0	
Total Xylene	ug/L	See Note 1						< 5.0
Iron	mg/L	--	< 0.03					< 0.02
Iron, dissolved	mg/L	--	< 0.03					< 0.02
Total dissolved solids	mg/L	2500	638					658

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	03/25/04	04/05/04	04/19/04	05/03/04	05/17/04	06/07/04
Hexavalent Chromium	mg/L	--	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Mercury	mg/L	--	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Manganese	mg/L	--	0.954	0.954	0.899	0.513	1.02	1.03
Lead	mg/L	--	< 0.005	< 0.005	< 0.005	< 0.020	< 0.020	< 0.020
Isophorone	ug/L	2.5	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5	ND	ND	ND	ND	ND	ND
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--	< 5.0	< 2.0	< 2.0	< 2.0		
Ethylbenzene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene Chloride	ug/L	2.5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--						
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron	mg/L	--	0.08					< 0.02
Iron, dissolved	mg/L	--	0.04					< 0.02
Total dissolved solids	mg/L	2500	662					684

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	06/21/04	07/12/04	07/26/04	08/09/04	08/23/04	09/13/04
Hexavalent Chromium	mg/L	--	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Mercury	mg/L	--	< 0.2	< 0.2	< 0.2	< 0.0002	< 0.0002	< 0.2
Manganese	mg/L	--	0.768	1.13	1.23	1.22	1.2	1.28
Lead	mg/L	--	< 0.020	< 0.005	< 0.005	< 0.02	< 0.005	< 0.020
Isophorone	ug/L	2.5	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5	ND	ND	ND	ND	ND	ND
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	< 5.0
Ethylbenzene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene Chloride	ug/L	2.5	< 2.0	< 2.0	< 2.0	< 2.0	9.9	< 2.0
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0			< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5		< 1.0	< 1.0			
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1		< 5.0	< 5.0	< 5.0	< 5.0	
Iron	mg/L	--	< 0.05					< 0.05
Iron, dissolved	mg/L	--	< 0.05					< 0.05
Total dissolved solids	mg/L	2500	612					576

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	09/27/04	10/04/04	10/18/04	11/01/04	11/15/04	12/06/04
Hexavalent Chromium	mg/L	--	< 0.020	< 0.020	< 0.020	0.01	0.01	0.01
Mercury	mg/L	--	< 0.2	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Manganese	mg/L	--	1.16	0.913	0.764	1.16	1.43	
Lead	mg/L	--	< 0.020	< 0.02	< 0.02	0.005	< 0.005	
Isophorone	ug/L	2.5	ND	ND	ND	ND	ND	
bis(2-Ethylhexyl)phthalate	ug/L	2.5	ND	ND	ND	ND	ND	
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
2-Chloroethylvinyl ether	ug/L	--	< 5.0	< 2.0	< 2.0	< 2.0	< 2.0	
Ethylbenzene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Methylene Chloride	ug/L	2.5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Toluene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Chloroform	ug/L	2.5						
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1		< 5.0	< 5.0	< 5.0	< 5.0	
Iron	mg/L	--	< 0.05					
Iron, dissolved	mg/L	--	< 0.05					
Total dissolved solids	mg/L	2500	560					

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	12/20/04	01/03/05	01/17/05	02/07/05	02/21/05	03/07/05
Hexavalent Chromium	mg/L	--	0.01	0.01	0.01	0.01	0.01	0.01
Mercury	mg/L	--		< 0.0002	< 0.0002	< 0.0002	0.0002	< 0.20
Manganese	mg/L	--		1.36	1.38	0.31	1.21	1.54
Lead	mg/L	--		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isophorone	ug/L	2.5		ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5		ND	ND	ND	ND	ND
Benzene	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
Carbon Tetrachloride	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
Chlorobenzene	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
1,4-Dichlorobenzene	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
1,1-Dichloroethane	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
1,1-Dichloroethene	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
1,2-Dichloropropane	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
2-Chloroethylvinyl ether	ug/L	--		< 2.0	< 2.0	< 2.0	< 2.0	< 0.5
Ethylbenzene	ug/L	See Note 1		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
Methylene Chloride	ug/L	2.5		< 2.0	< 2.0	< 2.0	< 2.0	< 0.5
Tetrachloroethene	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
Toluene	ug/L	See Note 1		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
Trichloroethene	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
Trichloromethane	ug/L	--		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
Vinyl Chloride	ug/L	2.5		< 1.0	< 1.0	< 1.0	< 1.0	< 0.5
Chloroform	ug/L	2.5						
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1		< 5.0	< 5.0	< 5.0	< 5.0	< 1.5
Iron	mg/L	--						< 0.05
Iron, dissolved	mg/L	--						< 0.05
Total dissolved solids	mg/L	2500						520

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	03/21/05	04/04/05	04/18/05	05/09/05	06/06/05	07/18/05
Hexavalent Chromium	mg/L	--	0.011	0.01	0.01		0.01	
Mercury	mg/L	--	< 0.20	< 0.0002	< 0.0002		< 0.20	
Manganese	mg/L	--	1.39	1.48	0.27	0.78	0.71	
Lead	mg/L	--	< 0.005	< 0.005	< 0.005	< 0.005		
Isophorone	ug/L	2.5	NA	ND	ND	ND	NA	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5	NA	ND	ND	ND	NA	ND
Benzene	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--	< 0.5	< 2.0	< 2.0		< 1.0	
Ethylbenzene	ug/L	See Note 1	< 0.5	< 1.0	< 1.0	< 0.5	< 1.0	< 0.5
Methylene Chloride	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 0.5	< 1.0	< 1.0	< 0.5	< 1.0	< 0.5
Trichloroethene	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 0.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5						
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1	< 1.5	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0
Iron	mg/L	--	< 0.05				< 0.05	
Iron, dissolved	mg/L	--	< 0.05				< 0.05	
Total dissolved solids	mg/L	2500	548			688	672	712

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	08/24/05	09/12/05	10/24/05	11/07/05	12/19/05	01/09/06
Hexavalent Chromium	mg/L	--						
Mercury	mg/L	--						
Manganese	mg/L	--						
Lead	mg/L	--						
Isophorone	ug/L	2.5	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5	ND	ND	ND	ND	ND	ND
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--						
Ethylbenzene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5						
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Iron	mg/L	--						
Iron, dissolved	mg/L	--						
Total dissolved solids	mg/L	2500	724	654	550	566	574	582

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	02/06/06	03/13/06	04/03/06	05/22/06	06/05/06	07/10/06
Hexavalent Chromium	mg/L	--						
Mercury	mg/L	--						
Manganese	mg/L	--						
Lead	mg/L	--						
Isophorone	ug/L	2.5	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5	ND	ND	ND	ND	ND	ND
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--						
Ethylbenzene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5						
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Iron	mg/L	--						
Iron, dissolved	mg/L	--						
Total dissolved solids	mg/L	2500	586	534	632	524	562	564

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	08/26/06	09/11/06	10/16/06	11/20/06	12/18/06	01/09/07
Hexavalent Chromium	mg/L	--						
Mercury	mg/L	--						
Manganese	mg/L	--						
Lead	mg/L	--						
Isophorone	ug/L	2.5	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5	ND	ND	ND	ND	ND	ND
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--						
Ethylbenzene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5						
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Iron	mg/L	--						
Iron, dissolved	mg/L	--						
Total dissolved solids	mg/L	2500	496	356	348	572	342	580

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	02/13/07	03/13/07	04/17/07	05/09/07	06/13/07	07/09/07
Hexavalent Chromium	mg/L	--						
Mercury	mg/L	--						
Manganese	mg/L	--						
Lead	mg/L	--						
Isophorone	ug/L	2.5	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5	ND	ND	ND	ND	ND	1
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--						
Ethylbenzene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5						
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Iron	mg/L	--						
Iron, dissolved	mg/L	--						
Total dissolved solids	mg/L	2500	626	622	648	600	624	552

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	08/15/07	09/20/07	10/15/07	11/14/07	12/10/07	01/08/08
Hexavalent Chromium	mg/L	--						
Mercury	mg/L	--						
Manganese	mg/L	--						
Lead	mg/L	--						
Isophorone	ug/L	2.5	ND	ND	< 5.0	< 1.0	< 0.10	ND
bis(2-Ethylhexyl)phthalate	ug/L	2.5	ND	ND	< 5.0	< 1.0	< 0.10	ND
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--						
Ethylbenzene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5						
o-Xylene	ug/L	See Note 1						
m,p-Xylene	ug/L	See Note 1						
Total Xylene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Iron	mg/L	--						
Iron, dissolved	mg/L	--						
Total dissolved solids	mg/L	2500	644	622	608	508	500	478

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

APPENDIX D
LABORATORY RESULTS
GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES
CHRIN BROTHERS SANITARY LANDFILL

PARAMETER	UNIT	NPDES LIMIT (Instantaneous Maximum)	02/11/08	03/18/08	04/22/08	05/15/08
Hexavalent Chromium	mg/L	--				
Mercury	mg/L	--				
Manganese	mg/L	--				
Lead	mg/L	--				
Isophorone	ug/L	2.5	ND	< 5.0	< 5.0	< 5.0
bis(2-Ethylhexyl)phthalate	ug/L	2.5	ND	< 5.0	< 5.0	< 5.0
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--				
Ethylbenzene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	See Note 1	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5				
o-Xylene	ug/L	See Note 1				
m,p-Xylene	ug/L	See Note 1				
Total Xylene	ug/L	See Note 1	< 1.0	< 1.0	< 1.0	< 1.0
Iron	mg/L	--				
Iron, dissolved	mg/L	--				
Total dissolved solids	mg/L	2500	512	500	548	542

Notes:

1. Instantaneous maximum for Total BTEX is 250 ug/L and is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.